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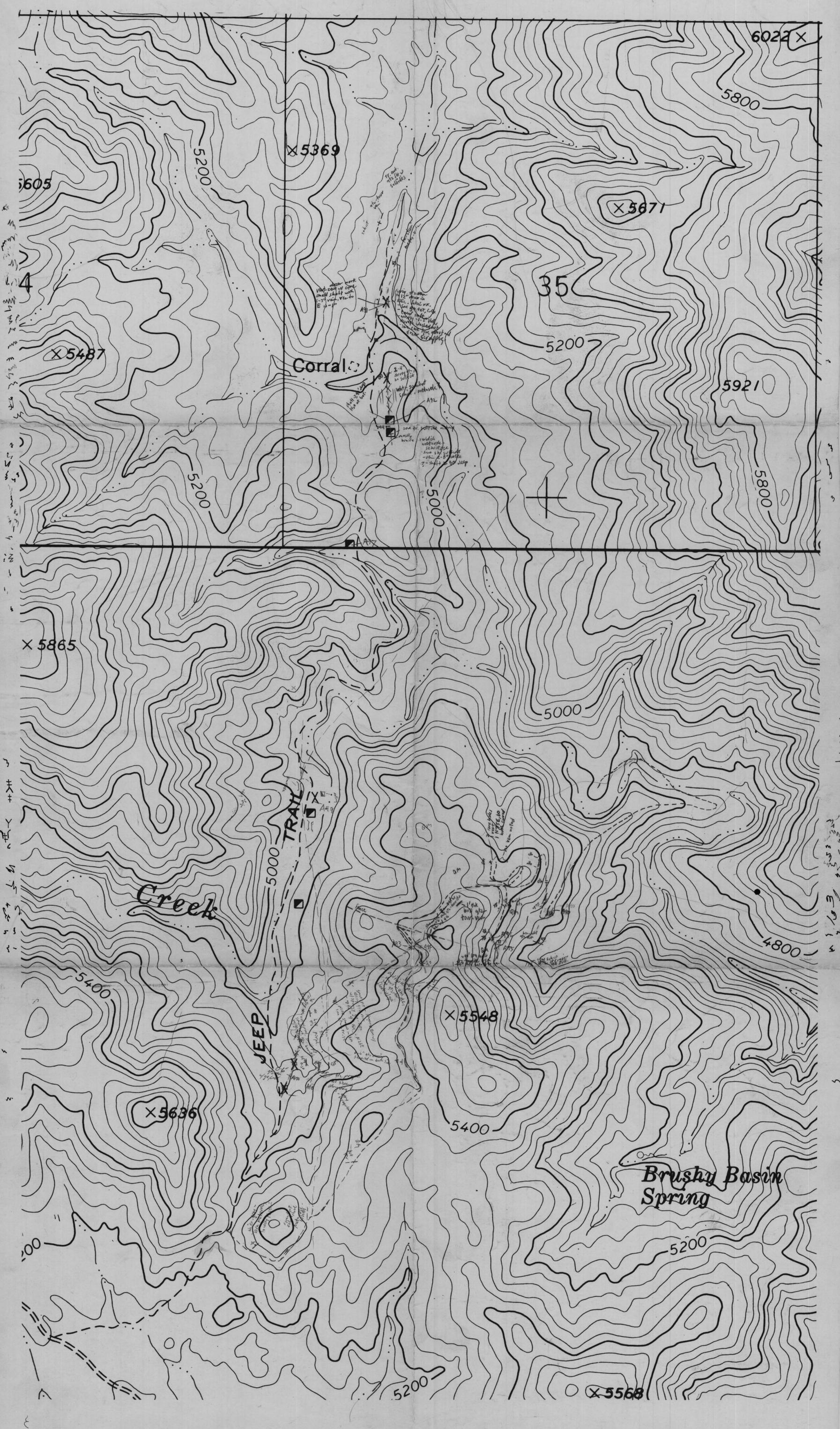
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Whip Key

**EFCO LABORATORIES**

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 Phone (602) 887-4241

Laboratory Analysis Report

DEPCO, Inc.  
 390 Freeport Blvd. Suite 12  
 Sparks, Nevada 89431

REPORT NO. 810612

DATE SUBMITTED 4/24/81

DATE REPORTED 5/4/81

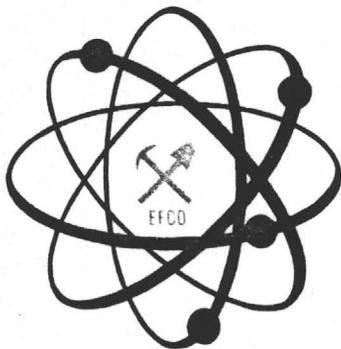
Gary Parkison

Sample No.	PPM Copper	% Copper	PPM Lead	% Lead	PPM Zinc	% Zinc	PPM Silver	PPM Gold
A- 84	860		+1000	0.53	+1000	2.09	*	<0.10
85	48		662		715		7.8 .23	<0.10
86	620		+1000	0.74	+1000	1.14	*	<0.10
87	116		883		583		46. 1.34	<0.10
88	98		421		945		44. 1.28	<0.10
89	72		461		756		62. 1.81	<0.10
90	117		+1000	1.15	321		239. 6.97	<0.10
91	+1000	0.21	+1000	4.30	+1000	4.70	*	<0.10
92	42		374		130		34. .99	<0.10
93q	33		293		228		21. .61	<0.10
94	600		+1000	0.86	843		199. 5.80	<0.10
95	+1000	0.21	+1000	0.70	+1000	2.76	*	<0.10
96	251		+1000	0.12	226		89. 2.60	<0.10
97	+1000	0.25	733		243		*	<0.10
98	760		+1000	0.37	509		*	<0.10
99	+1000	0.35	+1000	0.48	713		*	<0.10
100	+1000	0.52	+1000	1.36	+1000	0.47	*	<0.10
X-225	122		+1000	0.15	+1000	0.37	63. 1.84	<0.10
101								

\* Sent to Jacobs Assay Office for fire assay.

*Nancy Jones*  
 Signed

WhipKey



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SUPPLEMENTAL REPORT  
Laboratory Analysis Report

DEPCO, Inc.  
390 Freeport Blvd. Suite 12  
Sparks, Nevada 89431

Gary Parkison

REPORT NO. 810612

DATE SUBMITTED 4/24/81

DATE REPORTED 6/1/81

<u>Sample Number</u>	<u>oz/ton Gold</u>	<u>oz/ton Silver</u>
A- 84	trace	16.10
86	trace	18.80
91	trace	25.05
95	0.011	33.95
97	trace	16.75
98	trace	19.05
99	trace	52.80
100	trace	48.35

Data as per Jacobs Assay Office.

*Nancy J. ...*  
Signed

## Introduction and Location:

Grove, Oklahoma,

A submittal from Mr. Bill Whipkey, dated Feb. 24, 1981 was received by the Sports office. The submittal is located in the Bradshaw Mountains near Prescott, Arizona. Following continued discussions with Mr. Whipkey, I briefly visited the property on March 30, 1981. Observations ~~on the~~ <sup>and assays</sup> concerning ~~made on~~ the property during this visit provided encouragement for a more thorough examination which took place from April 16 through April 19, 1981. This latter examination was made by Gary A. Parkinson and Karl M. Emanuel.

The property consists of 4 patented <sup>lead</sup> claims, the Franklin, Union, Kendall and Trinity ~~and~~, 1 patented millsite, the Trinity, and 8 unpatented lode claims, the North Star, Silver Moon, Silver Star, Silver Bell, Keystone, Keystone #3, Keystone #4, <sup>and</sup> Keystone #5. These claims are located in Sec. 35, T12N, R1W and ~~pro~~ protracted secs. 2 and 11, T11N, R1W, Yavapai County, Arizona. The area is within the Butte Flat 7 1/2 minute topographic map.

## Geology:

as shown on the  
attached ~~map~~ 1:500,

The most detailed published ~~map~~ geologic map of the area is that by Anderson and Blacet (1972). ~~Map~~ Reconnaissance mapping by DEKALB, substantiates the gross relations as portrayed on this published map.

Briefly, the eastern part of the ~~prop~~ claim area is underlain by a somewhat gneissic medium- to coarse-grained granodiorite or quartz monzonite. This rock has been mapped as the Precambrian Brady Butte granodiorite by Anderson and Blacet (1972) and is mapped as mg on the claim map. ~~For~~ The western part of the claim area is underlain by generally intermediate to felsic

metavolcanic rocks and intercalated schistose pelitic rocks including ~~These rocks have been mapped as~~ ~~and~~ a rather distinctive quartz-eye porphyry. These rocks are also all of Precambrian age and have been referred to as the Texas Gulch Formation by Anderson and Blacet (1972) and have been mapped as MV on the claim map.

Small areas underlain by ~~diabase~~ Tertiary(?) diabase and felsite dikes and Precambrian amphibolite have also been mapped, north-northeast trending.

The ~~contact~~ <sup>North</sup> contact between the mg and mv map units is probably a fault but with an unknown amount of movement. Foliation and/or bedding generally trends ~~north-northeast~~ north-northeast and dips steeply west.

Generally east-west trending and steeply dipping quartz tourmaline veins cut all Precambrian rocks. These veins range up to three feet in width and are composed of white, massive "bull" quartz with up to a few percent ~~of~~ black tourmaline. These veins are unmineralized ~~and~~ and probably are related to a Precambrian metamorphic event.

Reconnaissance mapping of the claim area ~~has~~ suggests that ~~the~~ host or wall-rock lithology ~~and~~ plays only a slight or subtle role in determining the type and tenor of vein mineralization. Virtually identical ~~veins~~ <sup>veins</sup> have been found in both the mg and mv rock units.

Mineralization:

Mineralization on the Franklin-Umwir-Kendall-Trinity claim block is similar to ~~other~~ that found in other areas and districts of the Bradshaw Mountains which ~~and~~ has been well described by Lindgren (1926).

All ~~known~~ mineralization on the claim block is associated with ~~a quartz-sulfide veins~~ <sup>quartz-sulfide</sup> generally north-trending quartz-sulfide veins. The distribution and ~~lengths~~ trend and length of these veins is shown on the 1:6000 scale map.

Other gangue minerals associated with some veins, are barite, calcite and fluorite, in varying amounts.

Typically, the veins are composed of ~~dark~~ clear to milky white drusy and comb quartz associated with more massive generally medium-grained quartz. Most veins are associated with north-trending shear zones and <sup>some</sup> ~~sometimes~~ often grade into ~~into~~ sheared, silicified rock while others have sharp boundaries with wallrock. Most often the west or northwest side of a vein may be sheared.

While silicified rock bounding a vein may range up to several feet in width, the vein itself is generally only 2 to 3 inches wide. The thickest vein noted was 18 inches thick. ~~Outcrops~~ Outcrops of veins are generally marked by a combination of sheared, silicified wallrock and ~~is~~ occasionally distinct vein material. Along a given vein generally about one third of its length may be marked by "productive" quartz (drusy, comb quartz) while of this latter amount one half may have at least a trace of ~~the~~ visible sulfide minerals. Therefore, along a given vein only about one sixth of its total length may actually ~~contain~~ <sup>be</sup> of any economic value.

### ~~Vein~~ Sulfide

One mineralogy is quite simple and consists of the primary minerals galena, sphalerite with lesser amounts of tetrahedrite, chalcopyrite and pyrite. Argentite, azurite, malachite ~~with~~ <sup>and</sup> ~~some~~ <sup>ruby silver mineral(?)</sup> ~~and some anglesite~~ ~~are~~ are fairly common secondary minerals. The sulfide minerals generally form discrete blebs or clots and only occasionally are massive aggregates found. Secondary minerals coat fractures and surfaces ~~with~~ of vein material.

~~Sulfide~~ One mineral is only found in erratic shoots or pods which generally are from 1 to 6 inches wide and traceable for not more than 20 feet along the vein.

~~The~~ Raise and shaft profiles suggest a vertical orientation of the ~~shoots~~

Oxidation in the ~~area~~ <sup>area</sup> clear area is quite shallow, probably not more than 50 feet generally.

Typically the sulfide minerals form a core of a few inches of barren quartz.

~~Most all surface exposures~~

~~to most all~~

Primary sulfide minerals could generally be seen at the surface of most veins although <sup>often</sup> associated with secondary minerals. Some masses of spongy galena and/or sphalerite were also noted. ~~Underground~~ ~~inspective~~ Inspection of underground workings generally fails to disclose any secondary minerals more than ~~for~~ fifty feet from the surface.

~~Grade~~ ~~Tenure~~ of the veins

Grade:

Select samples obtained from the property have returned assays as high as 108 ounces per ton silver. Typically samples to date have shown negligible gold values and fairly low base metal content. Thus, the ore is valued chiefly for its silver content.

Sampling to date has shown that the veins are ~~valued~~ of value chiefly for their silver content, gold values are negligible and base metal content is fairly low.

While select samples have returned assays as high as 108 ounces per ton silver, the average is much lower. The following samples ~~should~~ represent chip or grab samples obtained from most all the veins noted on the Whiskey submethod area. Sample localities are shown on the 1:6000 map and analyses were performed by ~~Jacobs Assay~~ FFCO Laboratories and Jacobs Assay Office, Tucson.

Sample #.	Gold (oz/ton)	Silver (oz/ton)	Cu (%)	Pb (%)	Zn (%)	Comments
A84						3' chip across <sup>2 parallel</sup> N veins - Franklin adit
A85						2' chip across silicified zone Franklin adit

	Au wt	Ag wt.	Cu %	Pb %	Zn %	
A86	trace	18.80	.062	.74	1.14	1' chip across sulfide rich vein - Franklin adit
A87	trace	1.34	.012	.088	.058	2 1/2' chip across silicified zone - Franklin adit
A88	trace	1.28	.000	.042	.095	3 1/2' chip across silicified zone - Franklin adit
A89	trace	1.81	.007	.046	.076	2 1/2' chip across silicified zone and 6" vein - portal, Franklin adit
A90	trace	6.97	.012	1.15	.032	1 1/2' chip across vein - opening, Union shaft
A91	trace	25.05	.21	4.30	4.70	Select grab and 2" chip from 1-2" vein <sup>north of</sup> Keystone #5 claim
A92	trace	.99	.004	.037	.013	Grab from 4" vein - Keystone #5 claim
A93	trace	.61	.003	.029	.023	1 1/2' chip across <del>the</del> vein and altered wallrock - <del>Silver Star</del> portal, Silver Star lower adit
A94	trace	5.80	.060	.86	.084	10" chip across vein - Silver Star upper adit
A95	.011	33.95	.21	.70	2.76	Grab and chip across 4" <del>vein</del> sulfide-rich vein - Kendall <del>lower</del> adit
A96	trace	2.60	.025	.12	.023	Representative dump grab sample, mostly wallrock - Kendall shaft
A97	trace	16.75	.25	.073	.024	Select grab from small "ore" pile - <del>near</del> northern shaft - Keystone # <del>4</del> claim
A98	trace	19.05	.076	.37	.051	6" chip across <del>vein</del> eastern vein - Trinity claim
A99	trace	52.08	.35	.48	.077	1' chip across vein near portal, much CuOx
A100	trace	48.35	.52	1.36	.47	Composite chip sample across two 6" <sup>sulfide</sup> veins - about 200' <sup>north</sup> Trinity shaft

A101      Au or T      Ag or T      Cu      Pb      Zn      ?  
 Trace      1.84      .012      .15      .37      Grab from 1" to 6" wide  
 vein - about 500' east of A92

Economic Evaluation:

As discussed earlier, the veins are generally quite narrow and "shooty". Generally all the metals are contained within the vein with little, if any, wallrock mineralization. Taking these observations into consideration when evaluating the ~~sample~~ results of the sampling show that:

- 1) Increasing the sample widths to a five foot width (practical mining width) reduces even the highest samples to about 10 or/T Ag with most being considerably less.
- 2) At best these values would represent only about one sixth of the total length along a typical vein, with the rest of the vein being practically barren.
- 3) The ~~best~~ best assays <sup>(~50 or/T Ag)</sup> are ~~about~~ all of quite oxidized ore while the unoxidized ores are significantly lower ~~less~~ ( $< 20$  or/T Ag). ~~The~~ in silver content. ~~The~~ oxidized-unoxidized contact is probably ~~do~~ everywhere less than 100 feet below the surface.
- 4) The base metal content of the veins (Cu, Pb, Zn) is generally never of significant economic interest and is always of lesser value than the Ag content.

On conclusion, while extremely rich pockets of oxidized Ag ore probably exist on the ~~Foot~~ Whiskey ~~submittal~~ they are not of a significant economic interest. In conclusion, ~~the~~ ~~shoots~~ ~~small~~ shoots of fairly rich oxidized and unoxidized ore ~~do~~ ~~exist~~ ~~on~~ ~~the~~ property. ~~However,~~ ~~their~~ ~~small~~ ~~size,~~ ~~and~~ ~~and~~ ~~others,~~ both known and speculative ~~or~~ shoots of fairly rich oxidized and ~~unoxidized~~ <sup>unoxidized</sup> ore exist on the property. Chances are good that other shoots

can  
~~will~~ be discovered. However, their small size and apparent  
scarcity dictate that their exploration and exploitation  
not be undertaken by DEKALB.

# Whiskey Submittal

R

Average values on 5' intervals - Cu, Pb, Zn, Ag, Au  
 - assume no other values in adjacent wallrock

A84 - 3' chip - .086, .53, 2.09, ~~16.10~~ 4.10  
 5' .052, .32, 1.25, 9.66, —

A85 - 2' chip - forget, —  
 5' —

A86 - 1' chip - .062, .74, 1.14, 18.80, 4.10  
 5' - .012, .15, .23, 3.76 alt, —

A87 - 2 1/2' chip - forget —  
 5' - < 1 oz Ag

A88 - 3 1/2' chip - forget —  
 5' < 1 oz Ag

A89 - 2 1/2' chip - forget —  
 5' < 1 oz Ag

A90 - 1 1/2' chip - .011, 1.15, .032, 6.97, 4.10  
 5' - .003, .35, .01, 2.09, —

A91 - 1/6' chip (grab) - .21, 4.30, 4.70, 25.05, 4.10  
 5' .007, .14, .16, ~~8.85~~ alt —

A92 - 1/3' chip (grab) forget —  
 5' < 1 oz Ag

A93 - 1 1/2' chip - forget —  
 5' < 1 oz Ag

A94 - 5/6' chip - .060, .86, .084, 5.80, 4.10  
 5' .000, .14, .014, .96, —

A95 - 1/3' chip - .21, .70, 2.76, 33.95 alt, 4.10, .011 alt  
 5' .014, .05, .18, 1.70 alt, ~~alt~~

Same vein - Kendall

A96 - ~~1/3' (grab)~~ <sup>rep.</sup> grab for dump - .025, .12, .023, 2.60 alt, 4.10

A97 - ~~1/3' (grab)~~ <sup>rep.</sup> ~~alt~~ .25, .073, .024, 16.75 alt, 4.10  
 5' .025, .007, .002, —

A98 - 1/2' chip - .076, .37, .051, 19.05, 4.10  
 5' - .007, .037, .005, 3.81 alt, —

vein to 1' thick - so 1/5

A99 - 1' chip - .35, .48, .071, 52.80 alt, ~~4.10~~ 4.10  
 5' - .07, .096, .04, 10.56 alt, —

(over)

A100 - ~~1 1/2~~ 1' chip - .52, 1.36, ~~4.47~~ .47, 48.35, 9.10  
S' - .10, .27, .09, 9.67, —  
A101 - 1/2' chip (sub) - .012, .15, .37, 1.84, 9.10  
S' - .001, .015, .037, .084, —

6022 X

5800

X 5369

5200

5605

4

abundant  
gossan  
floats  
minor sulfide  
in quartz  
channel  
Sources not  
followed up

X 5671

35

5200

X 5487

Corral Creek

5921

5200

5000

5800

W35W trending vein - 6' wide  
situated on N. side of rocky quartz  
vein - 5' to 6" thick  
mineral access  
no SPs bar. of CuOx noted

N10E 45 NW  
10-15' thick  
highly mineral  
greenish gray  
streak - poor  
at vein 1' thick  
at vein 1' thick

X 5865

Vein fault zone is shaly  
and is  
Dip is primarily  
composed of siliceous  
with minor amounts  
of quartz  
- 1/2' to 1' thick  
- 1/2' to 1' thick  
- 1/2' to 1' thick

5000

Creek

TRAIL

JEEP

5000

Flooded  
10' deep  
with  
mineral  
and  
fragments

N10E 45 NW  
G1411  
siliceous  
matrix - 20' deep  
in siliceous - 10'  
Thick ore zone  
near fault and  
varies from  
1/2' to 1' thick  
CuOx is conspicuous  
with siliceous  
matrix  
for 100' to 200'  
and later  
is well exposed  
Agg from  
2m S of portal  
in exposure face  
width of channel  
1.5' thick  
matrix  
with siliceous  
matrix and  
fragments  
Vein masses  
Vein long  
slender  
with base

4800

X 5548

5400

Brushy Basin Spring

5200

X 5636

X 5568

5200



shearing + qtz + mica  
 shearing  
 diabase dikes  
 amphibolite  
 metabole

qtz veins  
 qtz monzonite

See USGS 60-997  
 Bull 1336

# Whipkey Submittal

Geology: mostly Precambrian, about 50/50  
 slightly gneissic quartz monzonite and  
 generally intermediate to felsic metalvolsome,  
 generally somewhat schistose; - trends in general  
 NNE, foliation, etc dip steeply to W  
 some later, diabase dikes  
 felsic and

very general  
 E/W trending  
 qtz - tourmaline  
 veins - 1' - 2 1/2' wide,  
 milky qtz with up to  
 1 mm length tour. generally  
 peltic - not mineralized  
 - dip moderate to steep  
 to N

faulting present but not any large faults -  
 area, trends in NNE direction

Mineralization: One mineralized argent. ss, ga., argentite,  
 sph. (bra to green), tet., azurite,  
 malachite.

Gangue: qtz (dusky, comb structure, flinty,  
 generally clear to white, sometimes pink-tan.)  
 barite + ~~arg~~ carbonate (minor), Fe-Mn Ox

"One" Deposits: Mineralization as small shoots or pods generally  
 along NNE trending shear zones.  
 some veins (E of Trinity) have finger walls.

W  
 W  
 NW

W side of vein is cleared wallrock -  
 shear zone ~ 2" to 8" - generally ~ 1-2'

~~See~~ All sulfides assoc. w/ qtz,  
 but not all qtz has sulfides, Most qtz has  
 no sulfides. ~~On~~ In whole, vein systems  
 characterized by cleared rock, of the "vein",  
 approx, all was silicified, but ~ 1/3 has  
 "productive" qtz - of the 1/3, about 1/2 the  
 linear feet has at least tr. of sulfide or <sup>pyrite</sup> pyrite

This generally about 2" - 3" where noted, range for  
 fracture to 18" max

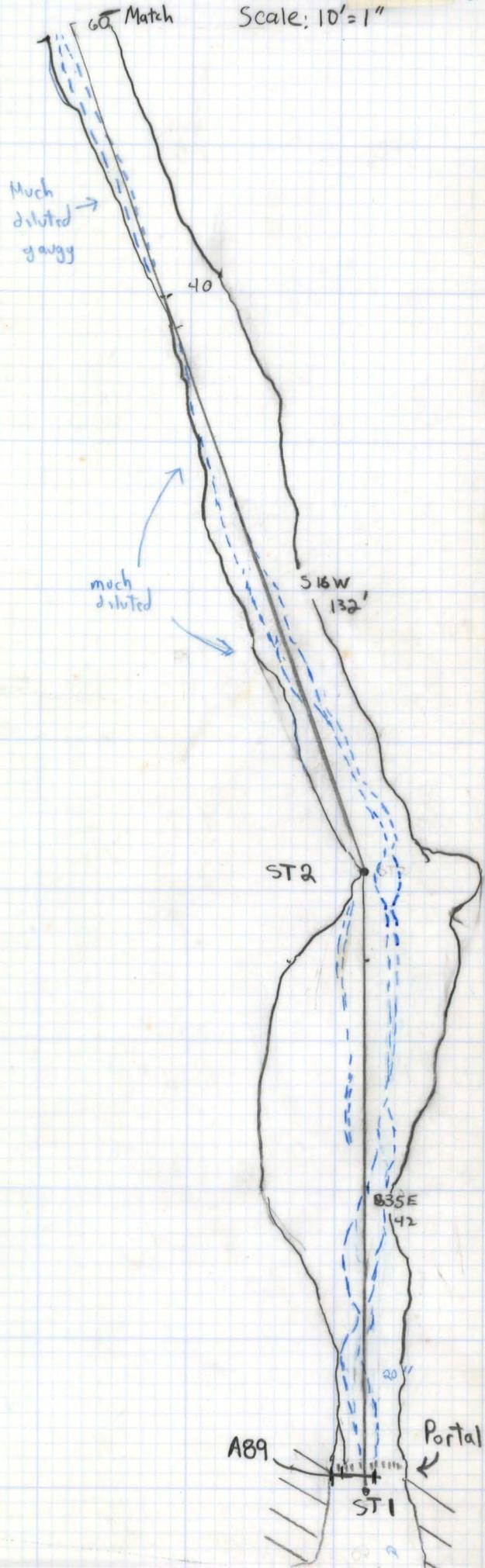
Economic Potential -

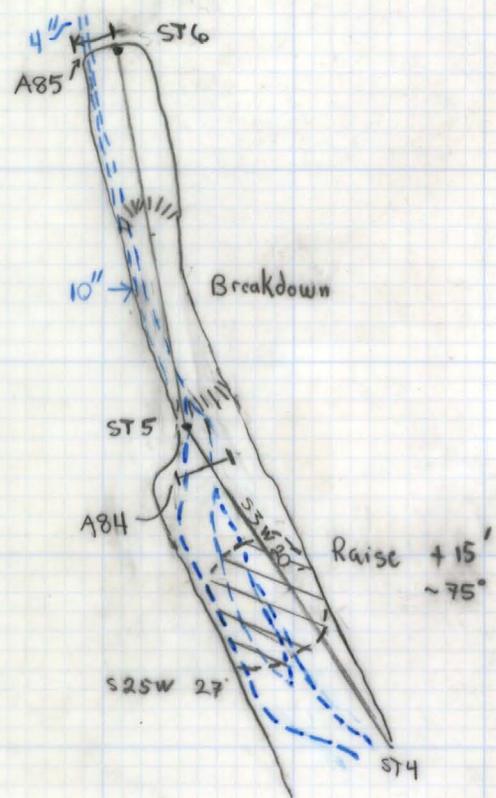
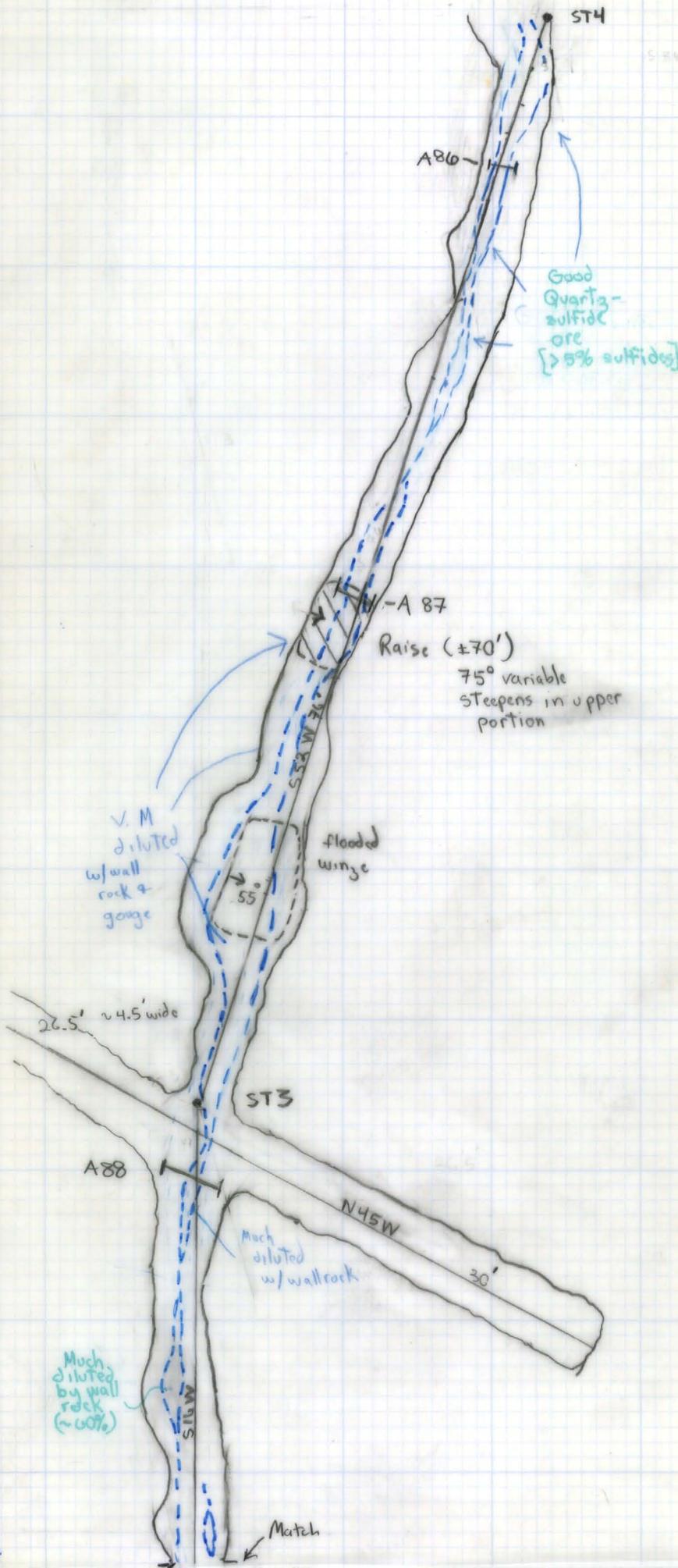
As discussed previously, the veins are generally narrow and "shooty". Averaging ~~the~~ <sup>the</sup> sample widths assigned to a nominal 5 foot width (practical mining width) would severely dilute all the assays. Taking into consideration that the better assays ~~are~~ <sup>are</sup> for the shoots along veins, gets worse.

Assays show high values  
Highest for oxidized material. Oxide-sulfide interface probably no deeper than 100 feet and in these upper lower grades (20 or 1/4 Ag or less)

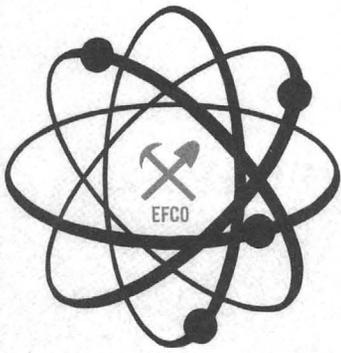
# Franklin Mine (1 of 2)

Scale: 10' = 1"





WHIPKEY FILE



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Sparks, NEvada 89431

Gary Parkison

REPORT NO. 810541

DATE SUBMITTED 4/7/81

DATE REPORTED 4/16/81

<u>Sample Number</u>	<u>oz/ton Silver</u>
A - 81	107.65
A - 82	37.95
A - 83	31.30

Nancy Turner D.E.  
Signed

Vertical 4" dike in hanging wall cut off by vein - pieces can be seen sheared out along back all the way to the working face heavily altered

Vein shears out - only minor  $SiO_2$  & sulfide streak, generally under a 1/2" across zone is banded by  $MnOx$

ST 1+80

20" quartz, ~ 2% sulfides & abund  $MnOx$ 's wall rock dilution locally ~ 20%

12" quartz - local massive barite

ST 1460

20" quartz w/minor sulfides & barite (~2%)

20" dominantly  $SiO_2$  sulfides < 1%

< 18" diluted by W.R.

(A94) ST 1440

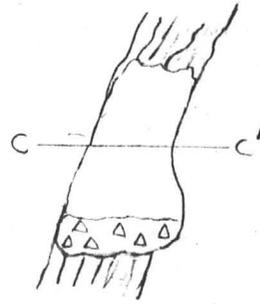
Raise 8' high

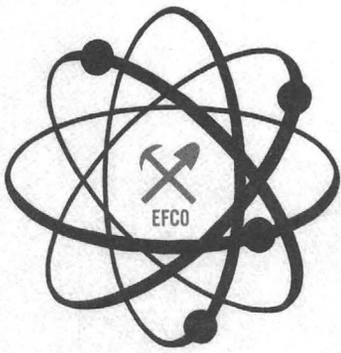
< 12" wide

X Ruby Silver?

12" vein against footwall dominantly  $SiO_2$  - barite ~ 2% spongy galena (~3mm to 5cm) + minor ruby silver.

ST 1120





WHIPKEY FILE

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REPORT NO. 810541

DATE SUBMITTED 4/7/81

DATE REPORTED 4/10/81

Gary Parkison

<u>Sample Number</u>	<u>PPM Copper</u>	<u>PPM Molybdenum</u>	<u>PPM Lead</u>	<u>PPM Zinc</u>	<u>PPM Silver</u>	<u>PPM Gold</u>	<u>PPM Arsenic</u>	<u>PPM Antimony</u>
A- 81	+1000	4	+1000	+1000	107.65	<0.10	617	83
A- 82	+1000	3	+1000	+1000	37.95	<0.10	432	81
A- 83	+1000	729	+1000	+1000	31.30	<0.10	91	81

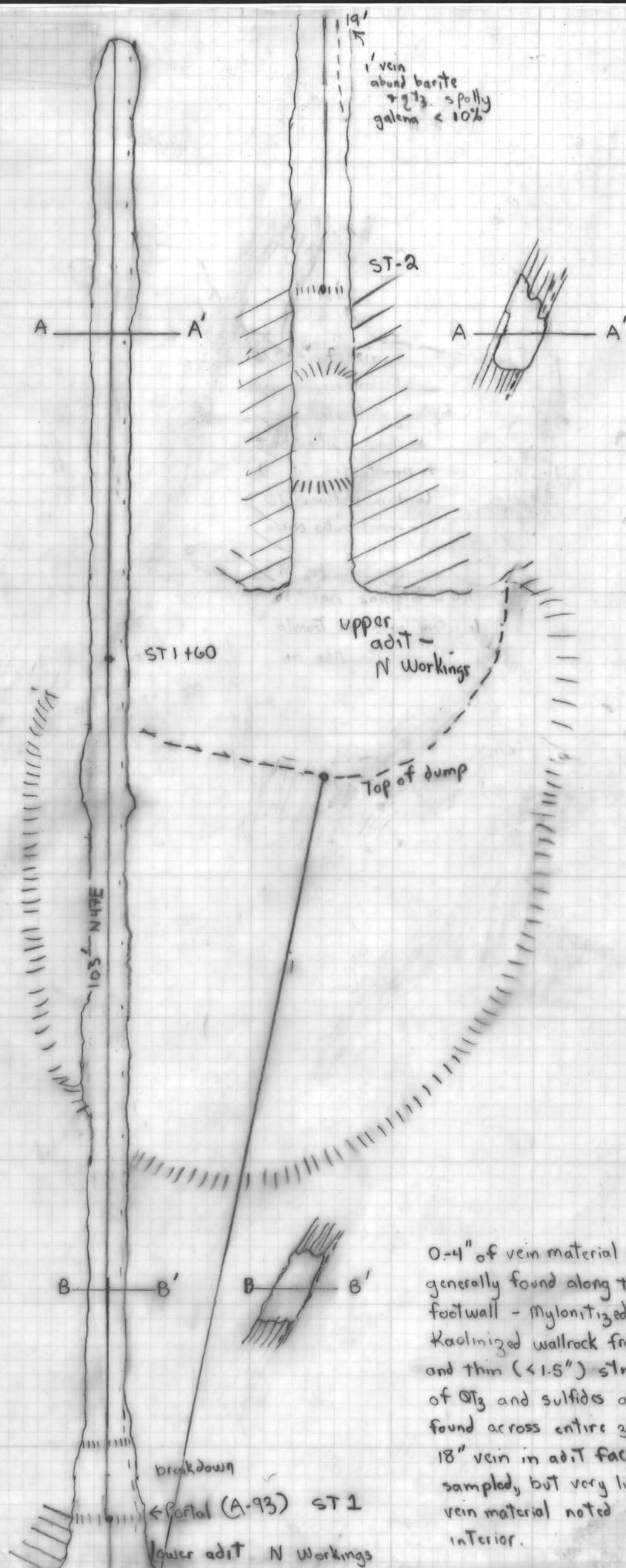
Geochemical Assay

<u>Sample Number</u>	<u>% Copper</u>	<u>% Lead</u>	<u>% Zinc</u>
A- 81	0.91	1.67	0.26
A- 82	0.66	0.90	0.43
A- 83	0.15	1.94	6.70

\* Sent to Jacobs Assay Office for fire assay.

Nancy Jones  
Signed

Ernesto Bond



1' vein  
abund barite  
+ 2% sp. galena  
galena < 10%

ST-2

A — A'

A — A'

ST1 + 60

upper  
adit -  
N Workings

Top of dump

341N  
S01  
103' N47E

B — B'

B — B'

breakdown

← Portal (A-93) ST 1

lower adit N Workings

0-4" of vein material is generally found along the footwall - Mylonitized and kaolinized wallrock fragments and thin (< 1.5") stringers of  $Qtz$  and sulfides are found across entire zone. 18" vein in adit face was sampled, but very little vein material noted in interior.

~200' S30E of lower adit N Workings, a caved adit (S. Workings) ~ 30' long is exposed on E side of road. a narrow vein is seen in working face (~ 3" wide) on E wall of open cut. vein is localized by a 3-5' wide zone of shearing that is near vertical and trends N15W. Silicified zone is as much as 80" wide, but sulfide-gly seam is ~ 3" at widest. Seam is comp of  $Qtz$  - barite - < 1% spongy galena,  $Ti(?)$ ,  $CuOx$  stain,  $MnOx$  staining, & ruby silver (or hem) along surfaces.

Silver Star Group.  
(1 of 2)  
Scale: 10' = 1"

120

Vertical 4" dike in hanging wall cutoff by vein - pieces can be seen sheared out along back all the way to the working face heavily altered

Vein shears out - only minor  $\text{SiO}_2$  & sulfide streak, generally under  $\sim 1/2$ " across zone is banded by  $\text{MnOx}$

20" quartz,  $\sim 2\%$  sulfides & abund  $\text{MnOx}$ 's wall rock dilution locally  $\sim 20\%$

12" quartz - local massive barite

ST1+80

ST1+60

20" quartz w/minor sulfides & barite ( $\sim 2\%$ )

20" dominantly  $\text{SiO}_2$  sulfides  $< 1\%$

$< 18$ " diluted by W.R.

(A94) ST1+40

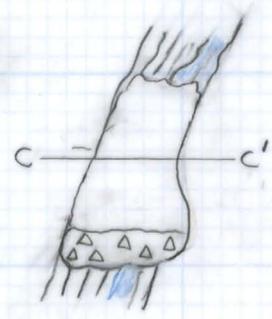
Raise 8' high

$< 12$ " wide

X Ruby Silver?

12" vein against footwall dominantly  $\text{SiO}_2$  - barite  $\sim 2\%$  spongy galena ( $\sim 3\text{mm} \rightarrow 5\text{cm}$ ) + minor ruby silver.

ST1+20



A101 - E of Keyhole S claim - grabbed 1"-6"  
 vein 3% total sulf. (spongy ga + tot.)  
 trends N35W

from portal  
 +1 S35W - 4V'  
 +2 S16W - 132'  
 +3 S22W - 208'  
 S03W - 220'

Franklin Adit  
 A84 - 3' chip across vein - vein appears localized between 2 parallel shear zones w/ some gouge, shears dip ~75° W - West 2' vein mostly Fe stained white qtz w/ sparse sulfides, east most 10"-12" is good sulfide vein w/ drusy, comb qtz and mod. (~25%) sph. w/ some ga, CuOx, Not mod. 2<sup>nd</sup> minerals - all sulfides - best looking, thickest vein in this area.

Franklin Adit  
 A85 - 2' chip across vein? - End of adit - working face - not much, mostly sheared wallrock - gouge with ~3" vein of white qtz - no sulfides noted.

Franklin Adit  
 A86 - 12" chip across vein - vein composed of about equal amts sph. and ga. - total ~15% - no CuOx noted, no other 2<sup>nd</sup> minerals noted, in white, drusy - comb qtz - vein bounded on hanging wall by sheared - gouge - dips 75° W

Franklin Adit  
 A87 - 2 1/2' chip across vein? at bottom of slope - S wall - mostly is sheared wallrock w/ ~12" of white qtz - no sulfides noted.

Franklin Adit  
 A88 - 3 1/2' chip across vein? material between shears - mostly all sheared wallrock with few short, thin, erratic white qtz veins, veins ~2" thick - no sulfides noted

Franklin Adit  
 A89 - 2 1/2' chip across portal - Franklin adit ~6" of white qtz vein - comb + drusy with ~5% ga. - some sil. CuOx. - mostly is sheared altered (pink - orange) wallrock (qtz. none.)

Franklin Adit  
 A90 - 1 1/2' chip across N side of Franklin shaft - about 50/50 qtz - wallrock, but all "vein" vein about same thickness down shaft. Good stuff on dump. Better than chip smpl. material  
 See small nts ga., some oxid. prods. not too much. Approx 12' to west have another erratic vein w/ wallrock, to ~8" max, same orientation - orient of veins ~ N25E - 64 W - sheared rx. bounding vein ~ N



Keyhole  
 A91 - select grab smpl. from very small dump and from scab of 1"-2" vein in E side shaft. vein w/ ga, sph and CuOx - wallrock is silic. white - pale green meta stuff? w/ FeOx - vein gouge is white qtz.

Keyhole  
 A92 - grab from small pile of vein qtz - vein ~4" wide, only 1 small piece of sulfide noted - drusy and comb qtz - some stain.

Keyhole  
 A93 - chip across vein at portal - vein cut smpl is 18" wide. Vein mostly of brecciated qtz and kaolinized wallrock inclusions - ~75% wallrock, 25% qtz - No sulfides or truly tr. noted. Looks dead, no drusy, comb qtz. Sheared on NW side of claim - strike N46E - 62° NW - most vein in adit is thinner w/ still only tr - no sulf.

Silver Star upper adit  
 A94 - chip across 10" vein - best ever exposed in adit, qtz - comb + drusy and white barite gangue - ga? noted and v. silv (red fly. min.) no CuOx, no 2<sup>nd</sup> minis?.

Kendall adit  
 A95 - chip across 4" vein and smpl. of outcrop vein about 20' N of portal. Open space filled barite, white, ad ga. and green sph. some CuOx, good looking stuff - ~10% sulfides - lower Kendall adit

Kendall adit  
 A96 - similar to A95 - Kendall upper shaft, good size dump - shaft ~60' deep, has too rep. dump grab smpl. from upper part of dump

Trinity  
 A98 - 6" chip across vein - drusy - comb qtz w/ ga and CuOx, vein from 0-10" - not sheared walls here. Irregular, very irregular in width, jumps around same not too well defined.

Trinity  
 A100 - 2-6" composite chip across 2 veins - both trends w/ definition - are N35E 65 W, N27E 85 W meet near top of cut to form 6" wide vein) qtz w/ ga, CuOx, about rare, of ~5% sulfide smpl. across veins in 5 places. Wallrock between veins may carry some, has minor cap

Keyhole  
 A97 - select grab from small "ore" pile. Rest of dump barren white silic. material. Smpl. has very 10 sulfides, ~1% barite, rest white qtz.

Keyhole  
 A99 - 12" chip across vein about 6' S of S wall of portal. vein ~0.24" thick, varies alot. Smpl. has conspicuous CuOx, w/ some ga, tet, sp. some barite also. drusy - comb qtz gangue

vein  
abund barite  
→ 2/3 sphally  
galena < 10%

ST-2

A A'

A A'

ST1+60

upper  
adit -  
N Workings

Top of dump

Thin  
sol

B B'

B B'

breakdown

← Portal (A-93) ST 1

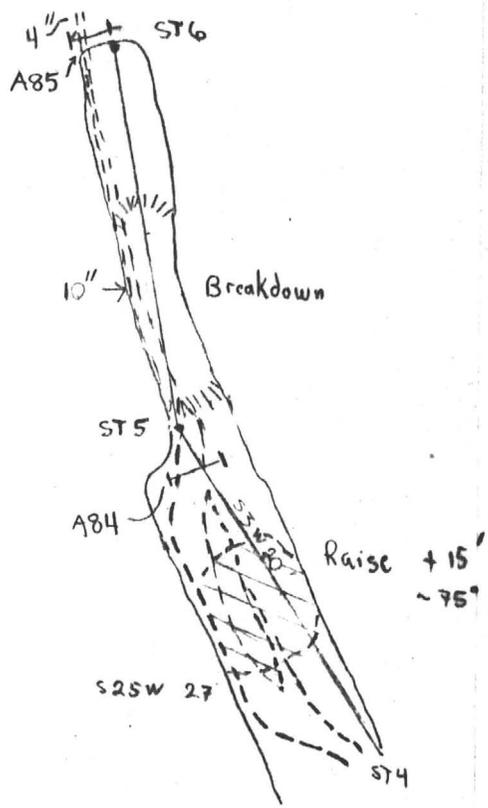
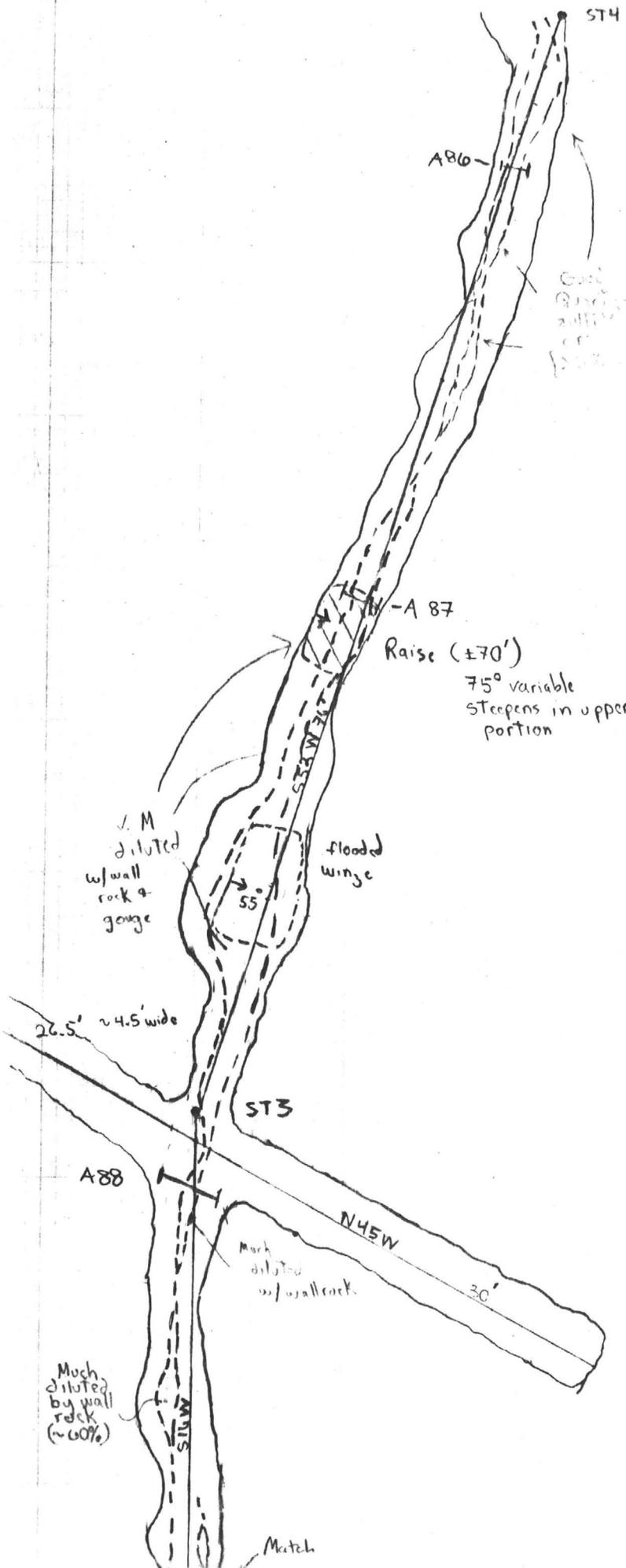
lower adit N Workings

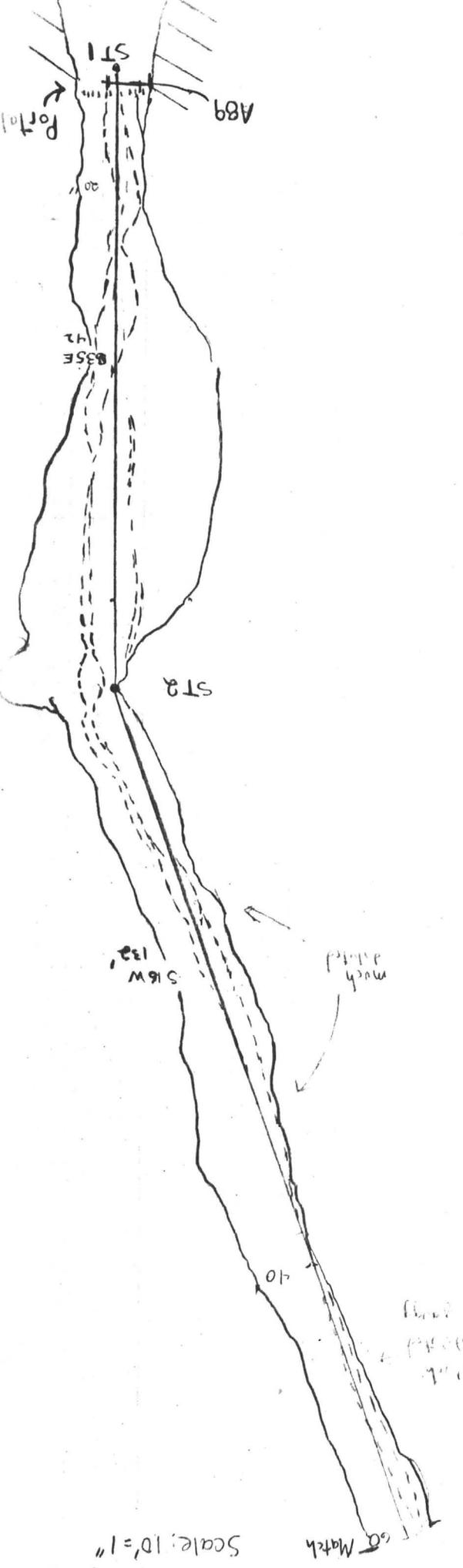
~200' S30E of lower  
adit N Workings, a caved  
adit (S. Workings) ~ 30'  
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vein is localized by a 3-5'  
wide zone of shearing that is  
near vertical and trends N15W.  
silicified zone is as much as  
80" wide, but sulfide - galena  
stain is ~ 3" at widest  
Stain is comp of  $SiO_2$  - barite - < 1%  
spongy galena,  $Pb$  (?),  $CuOx$   
chlorides?  
stain,  $MnOx$  staining, & ridgy  
silver (or hem) along surfaces.

0-4" of vein material is  
generally found along the  
footwall - Mylonitized and  
Kalinized wallrock fragments  
and thin (< 1.5") stringers  
of  $SiO_2$  and sulfides are  
found across entire zone.  
18" vein in adit face was  
sampled, but very little  
vein material noted in  
interior.

Silver Star Group.  
(1 of 2)  
Scale; 10' = 1" ...





An Arizona Silver Potential

RE: Bill Whipkey's Letter

# **DEPCO, Inc.**

## **MINERALS DIVISION**

MEMO TO: G. A. Parkison

DATE: March 6, 1981

FROM: J. B. Imswiler

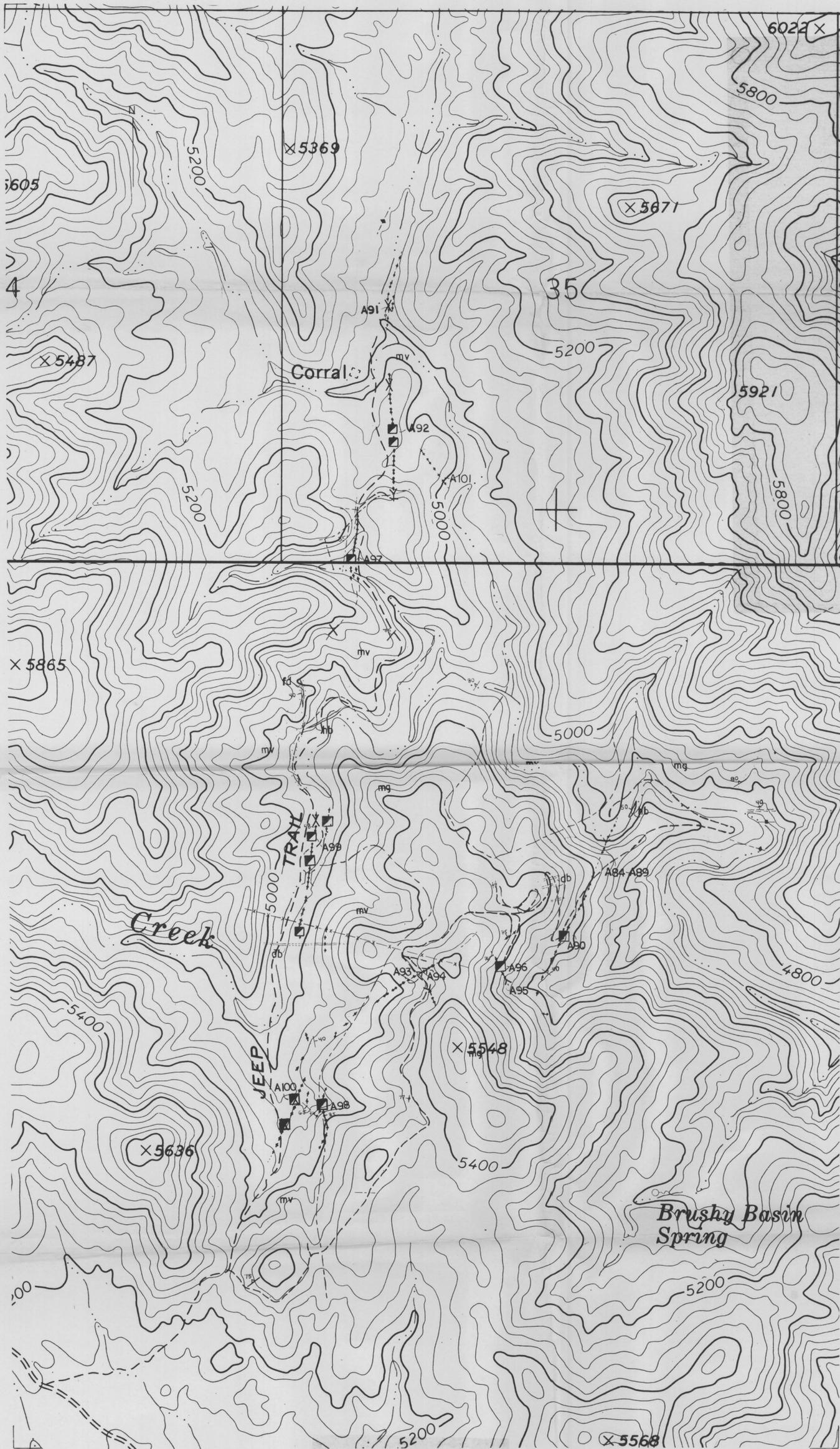
SUBJECT: Bill Whipkey Property Submittal in the Turkey Creek Mining District, Bradshaw Mountains, Yavapai County, Arizona

Enclosed is the report submitted by Bill Whipkey on the Turkey Creek Mining District in the Bradshaw Mountains, Yavapai County, Arizona. My impression is that there are two distinct sets of values: one represents secondarily enriched oxide silver minerals, i.e., those in the 20+ oz. range; the other probably represents primarily sulfide mineralization, i.e., those in the less than 1 oz. to 5 oz. range.

The apparent continuity, strength and length of the veins put this property in the position of warranting an on the ground examination. When sampling, if at all possible, try to get representative cuts across sulfide mineralization. This may be difficult due to poor sulfide exposure or lack of underground access. In lieu of this, combing the dump for sulfide samples might give us some indication as to the primary values.

If the weather is reasonable and you can coordinate with Whipkey, this next week you might try to get in an examination. Otherwise, you and I might try to visit this property following the Tucson-Albuquerque trip.





GEOLOGY OF THE TRINITY-UNION-FRANKLIN-KENDALL CLAIM GROUP  
 AREA, YAVAPAI COUNTY, ARIZONA

-  Mineralized fissures and shears (with dip); spongy galena, yellowish green sphalerite, minor tetrahedrite, malachite, azurite and (Fe,Mn) oxides/hydroxides occur in pods within a quartz rich gangue that locally contains lesser barite.
-  Diabase dikes; near vertical, generally less than 4 feet wide, locally contains hornblende porphyrocrysts up to 0.5" across.
-  Felsite dikes; very fine grained white rock with quartz phenocrysts.
-  Amphibolite lenses; generally sub-parallel to foliation of enclosing rock, crosscuts some quartz-tourmaline veins and intrudes unit mg.
-  Quartz-tourmaline veins; generally trend in S-W direction, varies in width from a trace to 3 feet.
-  Metavolcanic rocks; dominantly felsitic rocks with a poorly developed foliation, quartz porphyry predominates, locally contains thin lenses of quartzite and magnetite schist.
-  Quartz monzonitic to granitic gneiss; biotite is locally abundant along folial surfaces.
-  Faults (stippled were silicified)
-  Shears (with dip)
-  Foliation
-  Shaft
-  Adit
-  Open pit
-  Fence

0 500' 1000' 1500'  
 SCALE: 1" = 500'

Geology by G.A.P. & K.M.B.

Battle Flat 7 1/2'

Whipkey



BILL WHIPKEY

P. O. BOX 549

GROVE, OKLAHOMA 74344

2/24/81

Bruce Imswiler  
DEPCO Inc  
Sparks, Nev 89431

MR. Imswiler:

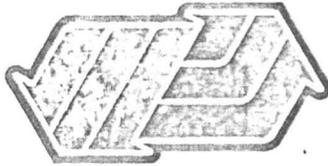
Enclosed is my report on the  
Prescott Silver Potential:  
we have looked at a number of  
Properties in this Area. This is  
by no question the Best that we  
have seen:

Please review soonest:

— Thanks.

Bill Whipkey

(918) - 786-4320 home  
(918) - 786-4222 store



**Mineral Economics Corporation**  
Consulting Mining & Geological Engineers

AN ARIZONA

SILVER POTENTIAL

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TRINITY-UNION-KENDALL-FRANKLIN

PATENTED MINING CLAIM UNIT

TUKF

---

RESPECTFULLY SUBMITTED



*Hale C Tognoni*

HALE C. TOGNONI, P.E.

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## FORWARD

On January 5, 1980, in the company of Msr. Whipkey and Wilmoth (perspective buyers) and Bill Petersen, one of the owners, I, Hale C. Tognoni, P.E. (HCT) visited the Franklin, Union, Kendall and Trinity Patented Mining Claims in Turkey Creek Mining District, approximately eight miles southwest of Mayer, Arizona.

In the Turkey Creek District silver, gold and base metal sulphides occur in milky, locally vuggy, quartz gangue that fills fissure veins and is on contacts between schist and gneissic granite.

According to Lindgren<sup>1</sup> "Ruby silver, native silver and gold occur in the upper oxidized parts of the veins; galena, tetrahedrite and chalcopryrite carry gold and silver below the oxidized zone."

Estimates reflect that the Turkey Creek Mining District produced \$67,500.00 in silver, \$16,226.00 in gold and \$10,979.00 in base metals or on a ratio of approximately 80 ounces of silver to one ounce of gold. This production was between 1906 and 1933.

On the attached Figure 39, Arizona Silver Production 1870 to 1966, note the bonanza deposits in full production between 1880 and 1890.

Veins observed on the Franklin, Union and Trinity generally strike north-northeast for the length of the claims, varying in widths from a trace to over 4 feet.

Two samples taken by HCT on the Franklin vein assayed 23 ounces (avg) and 19 ounces (avg) of silver per ton and one sample from the Trinity showed 24 ounces (avg) per ton of silver and another sample from the Trinity #3 showed .67 ounce per ton of gold.

1 Lindgren 1926; p. 109-113, 149-152

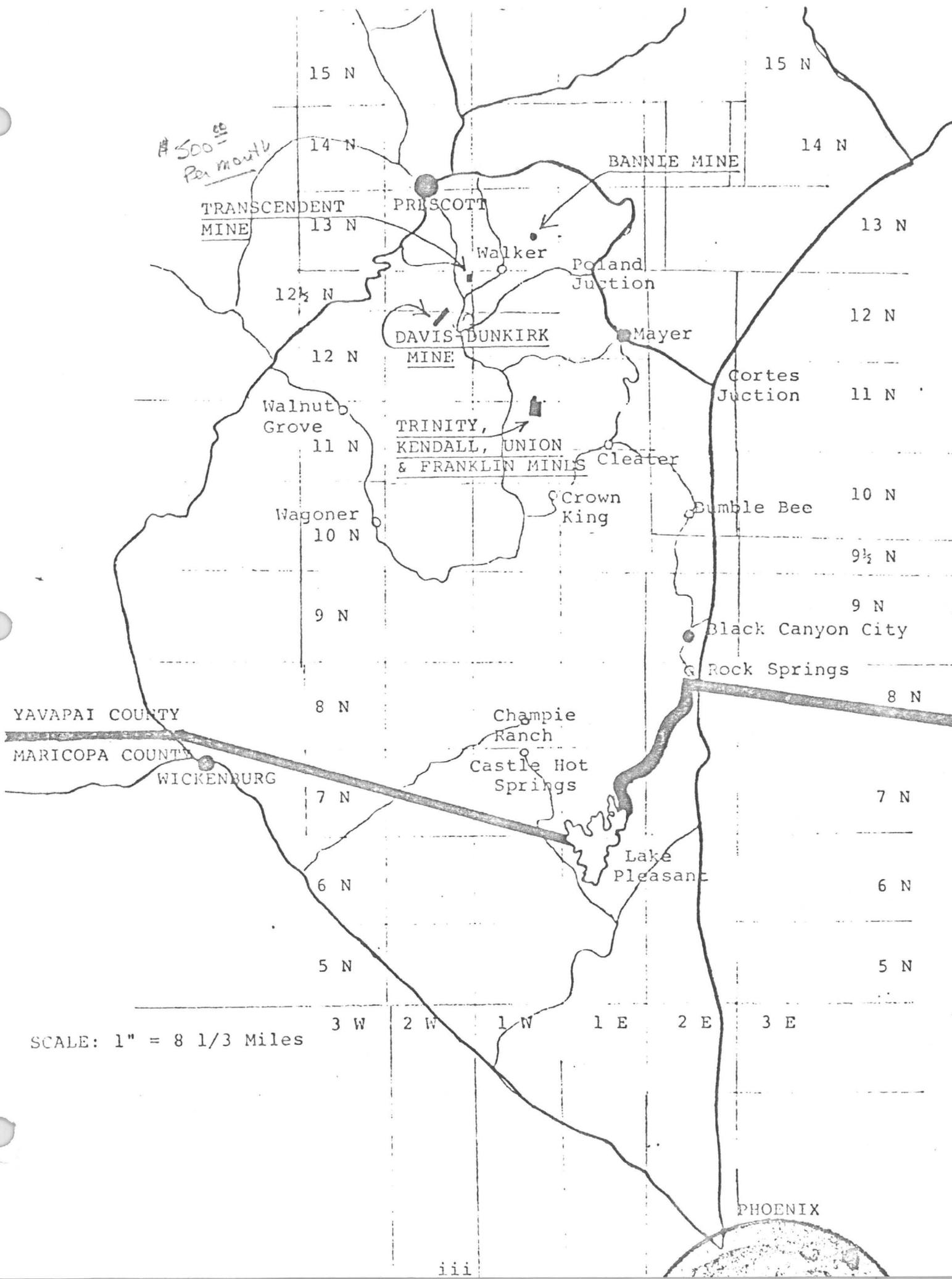


TABLE OF SAMPLES

Bill Whipkey Report

Assayer: Mountain States Engineering

Sample #	Fire Assays		Atomic Absorption Spectrometry							Description
	Gold (oz/ton)	Silver (oz/ton)	Gold (oz/ton)	Silver (oz/ton)	Moly in %	Cu in %	Pb in %	Zn in %	Tungsten in %	
4820	.001	.88	.002	.92	.001	.006	.017	.010	.005	Silver Star. 18" sample across face of short adit on NE side of road. "Zone striking northerly.
4871	.001	23.75	.002	22.35	.008	.008	.061	.045	.003	Franklin. 3' Channel across vein. Top of Portal of *400' Adit drifting SW on vein. North end center of Franklin claim and south end center of North Star claim on Turkey Creek.
4872	.001	18.96	.002	19.65	.004	.116	2.30	5.70	.003	Franklin. 3' sample across vein below portal of *400' adit.
4873	.002	.17	.001	.13	.001	.006	.017	.030	.004	Kendall. Stringers crossing on Kendall claim road.
4874	.001	3.35	.001	3.21	.010	.016	.074	.032	.005	Kendall. 1' vein along road into Kendall claim.
4875	.001	23.5	.001	24.38	.001	.091	1.40	.26	.006	Trinity #3. 18" cut across East vein - parallel with Main Trinity vein - NNE strike.
Trin	.670	1.93	.001	1.93	.001	.009	.011	.009	.003	Trinity Mine. Grab sample from Trinity Mine. Patent claim

\* Peterson estimate 400 ft., Pat. Plat 1882 shows 152 ft.

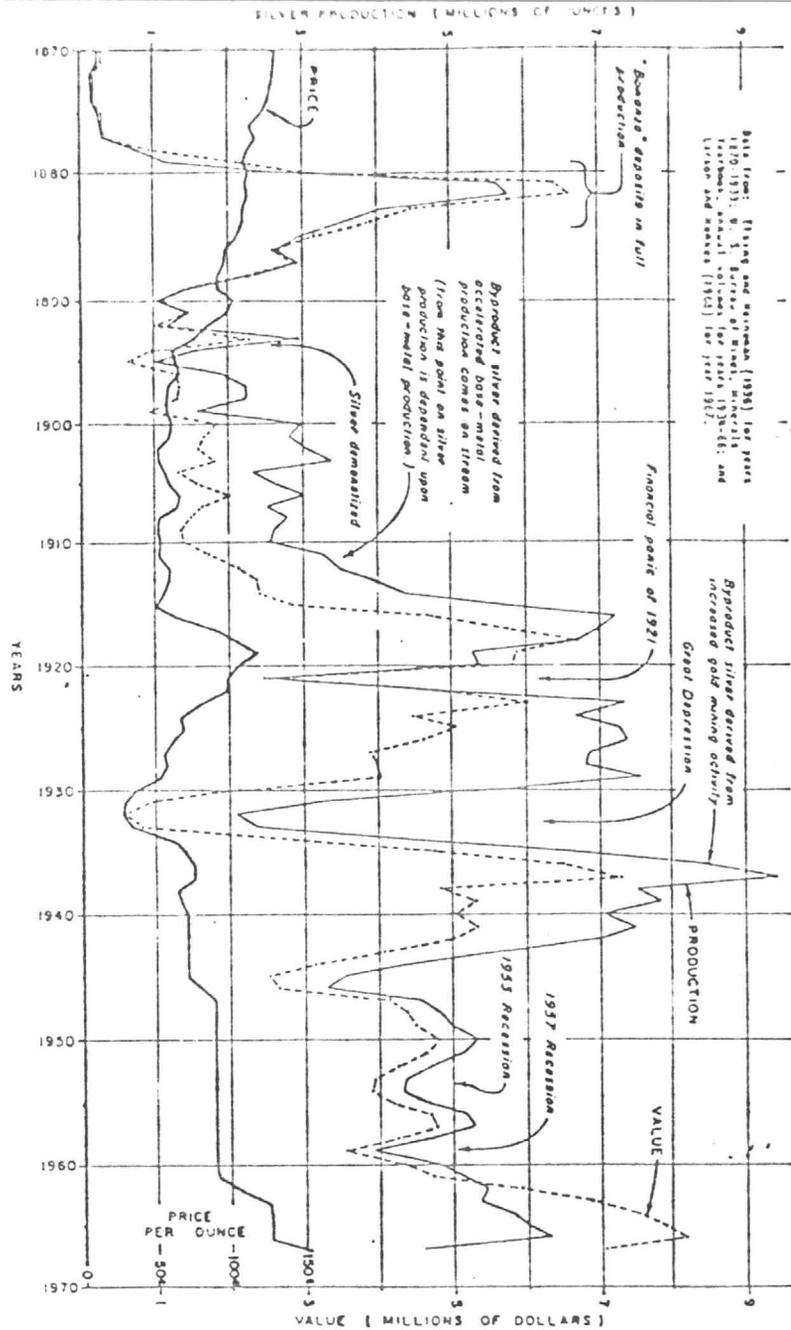
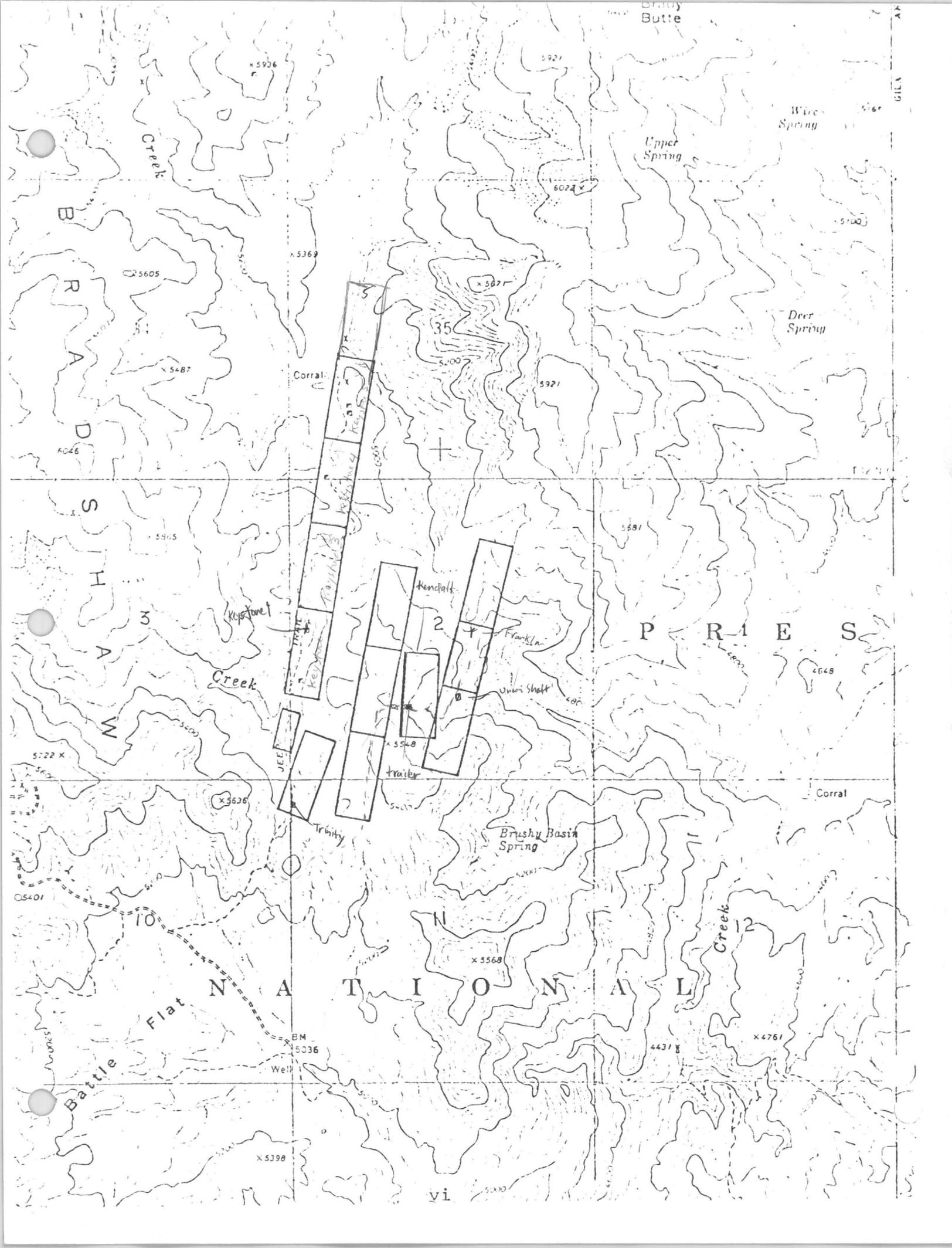


FIGURE 39.—Arizona silver production, 1870-1966.

PRODUCTION OF TURKEY CREEK DISTRICT, YAVAPAI COUNTY  
1906-33

Year	Producers		Tons	Gold (value)	Silver (ounces)	Copper (pounds)	Lead (pounds)	Zinc (pounds)	Total value
	Lode	Placer							
1906	—	—	4	\$ 474	163	—	—	—	\$ 595
1907	—	—	51	275	1,810	247	2,600	—	1,857
1908	2	1	458	3,075	778	—	2,006	—	3,571
1909	3	1	134	2,310	1,099	520	4,342	—	3,136
1910	1	1	1	52	343	6	—	—	237
1911	8	1	38	308	4,761	6	3,725	—	3,001
1912	6	—	43	177	5,124	137	—	—	3,351
1913	1	1	23	351	2,860	—	55	—	2,079
1914	6	—	17	85	2,189	—	1,113	—	1,339
1915	5	—	64	808	992	22	2,623	—	1,527
1916	3	—	16	164	1,662	—	1,244	—	1,344
1917	4	—	46	714	906	1,074	577	—	1,878
1918	1	—	22	8	2,769	79	—	—	2,798
1919	2	—	52	11	3,627	292	7,009	—	4,774
1920	9	—	221	1,116	9,196	669	4,725	—	11,461
1921	3	—	100	607	13,355	970	20,700	—	13,019
1922	9	—	310	778	18,918	7,570	1,600	—	20,203
1923	3	—	470	3,573	2,985	35,249	—	—	11,203
1924	1	—	184	1,600	1,560	6,348	—	—	4,167
1925	1	—	16	—	206	—	5,000	—	575
1926	1	—	—	—	—	—	—	—	—
1927	—	—	—	—	—	—	—	—	—
1928	1	—	100	—	14,000	—	—	—	—
1929	—	—	—	—	—	—	—	—	—
1930	1	1	7	—	—	—	—	—	558
1931	—	—	—	—	—	—	—	—	—
1932	—	—	—	—	—	—	—	—	—
1933	1	1	9	54	1,083	484	—	—	454
Total			2,382	\$18,624	90,067	51,667	67,024	—	\$22,103



Stacy Butte

GILA

Wire Spring

Upper Spring

Deer Spring

B

R

A

D

S

H

A

W

P

R

E

S

Creek

Brushy Basin Spring

Trinity

Kendall

Franklin

Unwin Shaft

Trailer

Corral

5722 X

X 5636

05401

10

BM 5036  
Well

X 5398

4431 X

X 4761

Creek

12



**Mineral Economics Corporation**  
Consulting Mining & Geological Engineers

AN ARIZONA SILVER POTENTIAL

Bill Petersen and Associates own four patented mining claims and one patented millsite, that is, the Trinity, the Trinity Millsite, the Kendall, the Union and the Franklin Mining Claims along with eight adjacent unpatented claims sometimes herein referred to as TUKF.

The Trinity Patented Mining Claim (M.S. 179) and the Trinity Millsite (M.S. 180) were patented on May 21, 1880. At the time of patent the improvements shown on the Trinity Mining Claim was a shaft 20 feet deep, 6 X 8 foot in cross-section; a second shaft 40 feet deep with a 4 X 6 foot cross-section; three cuts, the first of which was 6 foot long, 4 foot wide and 4 foot deep, the second of which was 8 foot long, 6 foot wide and 4 foot deep, the third of which was 6 foot long and 4 foot wide and 4 foot deep. At the time of my visit to the ground on January 6, 1981, the principal shaft (probably the 40 foot shaft) which is in the middle of the Trinity Gulch, had been filled by a recent flash flood. Our quick-look on the surface showed that, except for the new roads, there had been little excavation done since the time of the patent in 1880.

The Kendall patented mining claim (M.S. 427) was patented on October 1, 1882, and at the time of the patent it was developed by a 33 foot incline shaft 4 foot by 6 foot; a 30 foot "tunnel"

4 by 6 foot which is still there, and a 35 foot trench 3 foot by 7 foot. These appear to still be the principal underground development work on the Kendall claim excepting for the surface bull-dozing and road system completed by Mr. Petersen.

The Union Patented Mining Claim (M.S. 428) was patented on October 19, 1882, and shows on the patent plat to have been two shafts, one 11 feet deep and a second 28 feet deep, respectively. One of these shafts is reported to have a 25 foot drift and the second shaft is reported to have been deepened to 90 foot in depth since the time of the patent.

The Franklin Patented Mining Claim (M.S. 430) was patented on October 20, 1882, and was developed by two adits of 25 feet and 152 feet, respectively, in length at the north end of the claim. The portal to the Franklin Adit is nearby and is nearly covered by debris. Sample No. 4871 was taken across the top of the portal of this adit. Sample No. 4872 was taken across the Franklin vein just to the north of the portal. The Dump on the Franklin Adit has been washed away by Turkey Creek which crosses just along on the west side and around to the north. Bill Petersen reports that this 152 foot Franklin Adit has been deepened to approximately 400 feet. He also reports that within the adit there is a 100 foot crosscut, a 50 foot raise and a 50 foot winze.

According to Gerald L. Kirwan<sup>1</sup> the silver discovery on the TUKF

1 Gerald L. Kirwan is a consulting geological engineer that made and submitted a report on the property on November 19, 1978. The title of his report is Silver Concentrations, Franklin Mine Claims, Yavapai County, Arizona.

group was made on the property in 1877.

There is very little production data available on these patented claims, but according to Kirwan, there were two dumps on the property totaling 1300 tons at the time he visited the property in 1978. Some of this tonnage is possibly that which has been washed away from the portal of the Franklin adit.

#### Geology - Regional and Local

The regional geology of the Turkey Creek Mining District is made up mainly of Pre-Cambrian Yavapai schist dated as being over 1.3 billion years old. The Yavapai schist consisting mostly of meta-sedimentary rocks and some meta-volcanics has been intruded on the east and west by Pre-Cambrian Bradshaw granite and on the south by the monzonite prophyry stock of Battle Flat.<sup>1</sup> The Bradshaw granite has been dated at being over 1.0 billion years old.

A description of the Bradshaw granite and the Yavapai schist exists in the Lexicon of Geologic Names of the United States, written by the U.S.G.S. in Bulletin 896 and reads as follows:

Bradshaw granite - Page 249

"A coarse plutonic rock, which in places has a gneissic structure and in places a coarse granular structure. Frequently there are zones where the rock becomes highly schistose and would more properly be called a mica gneiss. Normal type is coarse biotite granite with rare green hornblende. It intrudes the Yavapai schist, Algonkian. In places merges into Crooks complex.

Named for the mountains in which it is so well displayed."

1 Ibid

Yavapai schist - Page 2383

"Most abundant rock is an argillaceous phyllite varying to slate, mica schist, and chlorite schist, but the formation as mapped locally includes gneisses, granulites, hornfels, and epidote and hornblende schists, also conglomerate and sandstone bands and lenses and zones of intense metamorphism. The variations of the normal schist are mapped separately. Greater part of formation is clearly sedimentary. Is oldest formation in area.

Named for extensive development in Yavapai County."

Within the Turkey Creek Mining District, rocks are exposed which were deposited during Older Pre-Cambrian and Tertiary time intervals. "Pre-Cambrian" is a term used to represent all the rocks and all geologic time that precede 570 million years ago. The Tertiary time interval is between 2.5 and 65 million years ago (m.y.a.). Rocks representing portions of the great intervening time span (935 million years) were probably also present, but have been removed by erosion.<sup>2</sup>

During the emplacement of the granitic pluton, the schist was undergoing a great deal of displacement. In more recent geologic times the major orogenic disturbance was the Laramide orogeny which can further account for the displacement of the schist.

It is also believed that the Laramide orogeny occurring from late Cretaceous (Cretaceous covers the time span between 136 and 65 million years ago) time to early Tertiary time, is responsible for much of the regional uplift and intrusive and volcanic igneous rocks that are found in the area. It is with these recent igneous intrusives that the gold, silver, copper, lead and zinc mineralization is associated.

2 Geology of the Central Portion of the Agua Fria Mining District, Yavapai County, Arizona, by James Millard Evensen

Regionally the schist has been tilted to an orientation with a strike of north to northeast and a dip to the northwest between 70° and 80°.

Mineralization occurs along fault planes or shear zones that strike north to northeast and dip between 70° and 80° to the northwest. The obvious association is that faulting has occurred along the schist-granite contact which then provided a good plane of weakness for the more recent intrusives to follow. Occasionally these intrusives or "dikes" which seem to be associated with the ore bearing solutions, cut across the planes of schistosity and into the Older Pre-Cambrian granite.

The ore bearing solutions which migrated upwards and filled these void spaces (created by faulting) were silica rich as we now see by the quartz veins that remain. It is quite distinctive for these veins to pinch and swell, and for silver mineralization to be weak and then strong along any given structure. Silver is the primary mineral of concern of these claims. The silver appears to occur as black silver chloride green minerals. Silver identified on the property was Silver Bromide (blue) and Silver Chloride (green). The Silver Chloride darkens to purple and black when exposed to the elements. It is thought that upon further investigation a much larger suite of silver minerals will be found, such as native silver and Argentite.

Abstract of Kirwan November 19, 1978, Report

"The chief silver structure is a 5 ft. wide north northeast trending quartz-calcite vein dipping west at  $75^{\circ}$  from the north portion of the Union Claim through the entire length of the Franklin Claim, a minimum distance of 1,300 lineal ft. A heavily mineralized 2.5 ft. core characterizes this structure in the area of the Union shaft.....Eyeballing to some degree can be performed determined by the amount of black silver chlorides."

Kirwan reports "upon an assay derived from the Union shaft reporting 28.0 ounces silver per ton.....across the 2.5 ft. mineralized core....."

Kirwan evidently composed a sample of "numerous shovelfulls of dump material from the Union shaft.....which assayed 40 oz/ton of silver."

Kirwan reported, "Another major silver structure....5 ft. wide with a 2-4 ft. heavily mineralized core, striking a few degrees west of true north and dipping west  $80^{\circ}$ , occurs at the Kendall shaft in the central portion of the Kendall Patented Claim. This same structure is exposed on strike northward along the cat cut on access road about 400 ft. (and), again (is) exposed 400 ft. northward.....on the Franklin Claim. This structure....runs the full length of the Franklin Claim and is exposed by a drift adit at Turkey Creek some 1,000 ft. further north imparting a strike length of a minimum of 1,800 ft. to this major structure."

Kirwan evidently "sampled the dump at the Kendall shaft by taking numerous shovelfulls of dump material.....Kendall shaft indicate that assayed 30 ounces silver per ton....."

Kirwan states, "Samples from road cut and the extension 400 ft. north thereof returned 33.80 and 109.74 ounces silver per ton respectively....."

"Examination of the 175 ft. long (Franklin) drift adit (reported on M.S. to be 152 ft. and by Petersen as 400 ft.).... shows abundant silver chlorides over 2 ft. in width as a high grade core. The old miners even stoped up at least 100 ft. (Petersen work?) along high grade likely to prepare for massive mining of this vein, and winzed downward some distance.....A third area of economic interest for silver concentrations is located immediately northeast of the Kendall shaft located most recently while bulldozing. No less than five substantial vein structures each of a good five ft. in width, all north-trending, occur over a distance of only 75 ft. Surface sampling of leached material indicates some 30 ounces silver per ton. Much more work should be performed to evaluate this vein system, along with the possibility of open pit mining the entire block as a single unit. Vein lengths could be determined through exposure by bulldozing as veins do not penetrate to surface."

"Relative to this recent discovery of hidden vein systems, potential for further vein structures on the property is virtually limitless."

"Numerous other areas exist on the property where obvious vein structures occur but have not been evaluated."



RESPECTFULLY SUBMITTED,

*Hale C. Tognoni*  
HALE C. TOGNONI, P.E.

## Trinity, Kendall, Union, Franklin Mines

Location & Description: This mining property is located in Sections 2, 3, 10 & 11, Township 11 North, Range 1 West, and extending north into Section 35, Township 12 North, Range 1 West (see Figure 1). It consists of four (4) patented (20 acre) lode mining claims, one (1) patented (5 acre) millsite and eight (8) unpatented (20 acre) lode mining claims as described below:

<u>Name of Patented Claim or Millsite</u>	<u>Mineral Survey Number*</u>	<u>Date Surveyed for Patent</u>
Trinity, mining claim	179	5/21/1880
Trinity, millsite	180	5/21/1880
Kendall, mining claim	427	10/1/1882
Union, mining claim	429	10/19/1882
Franklin, mining claim	430	10/20/1882

\*Mineral Survey plats attached in Exhibit "A"

<u>Name of Unpatented Mining Claim</u>	<u>Name of Locator(s)</u>	<u>Date of Location</u>	<u>County*</u>	<u>B.L.M.*</u>	<u>Serial Nos.</u>
Silver Star	Robert Rippey, Alvin Reeves & W.L. Petersen	3/4/78	1201	314 A MC	37589
Silver Moon	Eugene Swenson & Helen Swenson	4/7/79	1209	612 A MC	40897
Keystone	Murlyn Carling	9/10/79	1247	302 A MC	74424
Keystone No. 3	Carney Nuzzi <u>Quit Claimed to</u> <u>Merle Frampton</u>	9/10/79 9/17/80	1327	791 A MC	74425
Keystone No. 4	Robert Rippey & W.L. Petersen	9/10/79	1247	300 A MC	74426
Silver Bell	Robert Rippey, Alvin Reeves & W.L. Petersen	1/27/80	1289	817 A MC	101813
North Star	Robert Rippey, Alvin Reeves & W.L. Petersen	1/27/80	1289	819 A MC	101812

\*All above mentioned documents attached in Exhibit "A"

Keystone No. 5 W.L. Petersen is sending location data on this claim. No records were found at the BLM regarding this claim.

All the mining property mentioned above is located in the Turkey Creek Mining District, Yavapai County, Arizona and the paramount title to the unpatented claims is in the United States Government and under the control of the Prescott National Forest, U.S. Forest Service, Department of Agriculture.

478

Conflicting Claims: The BLM records show a block of fifteen unpatented lode mining claims overlapping the Kendall, Union and Franklin patented claims and the Silver Star, Silver Moon, Silver Bell and North Star unpatented lode mining claims.

The fifteen claims that overlap said patented and unpatented mining claims consist of the Kendall #1 through Kendall #9, Union #1 through Union #3, Franklin #1 through Franklin #3 lode mining claims located by Joseph Rippey, Sr., Fred Babineau and Sam Schwartz on the 27th day of September, 1978.

There was no Affidavit of Labor for the 1979-80 assessment year in the BLM files or the Yavapai County Recorder's Office.

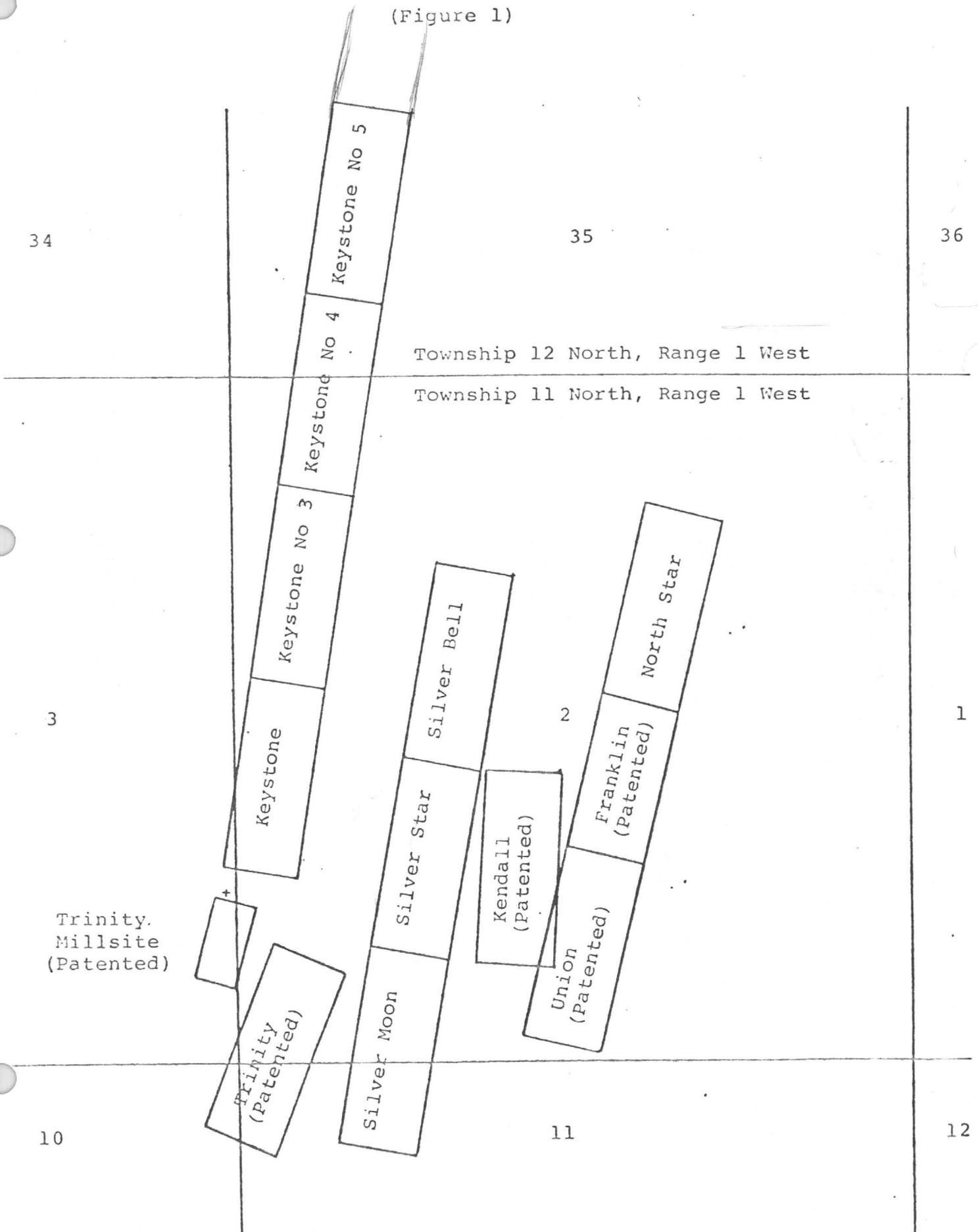
Bill Petersen asserts that no location work or corner monuments were ever erected and that no assessment work was performed during the 1979-80 assessment year. Under the above circumstances the overlapping claims hold little threat to the title to the TUFK claim group.

The BLM records also show a group of ten placer mining claims that seem to claim the Creek gravel or placer in the Turkey Creek as it runs through the east half of Section 3, Section 2 and the west half of Section 1, Township 11 North, Range 1 West. These claims, Hootenanny No. 1 through 10, overlap the patented and unpatented claims in places they cross Turkey Creek. They were located on June 4, 1980, by Emil J. Moravec and Roy C. Pogue. If these claims are validly located, they could possess the placer deposits, but only where they conflict with the previous unpatented lodes, but probably do not gain anything of value.

None of these conflicting unpatented placer claims gain any property right where they cross the patented claims, that is, the Kendall, Union, Franklin and Trinity and the Trinity Millsite.

Trinity, Union, Kendall, Franklin Mines

(Figure 1)



## CONCLUSION

The Trinity, Union, Kendall and Franklin patented mining claims along with the connecting eight unpatented claims (TUKF) comprise a high grade mineral target. Using MEC's Geologic Parameters set forth below would result in a rating of 14 on a scale of 15.

Excellent (3), Good (2), Fair (1), Poor (0)

- |      |   |           |
|------|---|-----------|
| I.   | <u>Metallogenic Environment</u> (see Exhibit "B") - Excellent   | <u>3</u>  |
|      | The TUKF claims are in a metaliferous province that has produced \$69 million in gold, silver and base metals.  |           |
| II.  | <u>Source Rocks</u> - Good  | <u>2</u>  |
|      | Source Rocks in the Bradshaws such as, (1) Yavapai schist with metamorphosed ancient placers and massive sulphide deposits, (2) Laramide intrusives carrying disseminated and vein deposits of precious and base metals and (3) Tertiary igneous rocks contemporaneous with most known Arizona gold deposits. Only (1) was readily identified by HCT while (2) and (3) are projected to be present. |           |
| III. | <u>Host Rocks</u> - Excellent   | <u>3</u>  |
|      | Both the Bradshaw granite and the Yavapai schist have hosted many silver and gold deposits in the Bradshaw Mountains.   |           |
| IV.  | <u>Structural Conditions</u> - Excellent  | <u>3</u>  |
|      | NNE trending faults are crossed by NW trending faults and planes of schistosity which form fissures for vein deposition and intersections for "pipes" and ore shoots.   |           |
| V.   | <u>Anomalous Mineralization</u> - Excellent   | <u>3</u>  |
|      | Samples to date show the presence of silver and gold in quality that could, if outlined in sufficient quantity, form an economic mineral deposit, i.e.  |           |
|      | 20 oz. silver ore @ \$13.00/oz. would amount to \$260.00 per ton. A small mine of 100 tons per day can probably, with efficient personnel, be operated at mining costs of \$150.00 per ton and milling costs of \$50.00 per ton, leaving \$60.00 per ton profit.  |           |
|      | TOTAL   | <u>14</u> |
|      | out of possible 15  |           |

Therefore it is my opinion that a prudent man would be justified in spending his time and money on the TUKF silver project with a reasonable expectation of developing a paying mine.

## RECOMMENDATIONS

1. That the Trinity-Union-Kendall-Franklin Patented Mining Claims and Millsite with the surrounding and connecting 8 unpatented mining claims be acquired immediately by a normal mine lease and option.
  2. That a mine development budget of \$175,000.00 be allocated to do the following:
    - (a) Re-open the Franklin Drift Adit and other partially accessible workings for sampling all exposed veins - - - - - \$ 25,000.00
    - (b) Conduct a tight Geo-Chem sampling program on 100 feet centers over the entire surface of the TUKF claim unit plus the sampling of each structure or mineralized area that is crossed by a sample line - - - - - 25,000.00
    - (c) Take aerial photographs and make base map for geological, sample and property maps - - - - - 10,000.00
    - (d) Set angle drill holes and drill across veins to determine strength tenor and values at depth. 3,000 ft. of drilling @ \$25.00 per ft. - - 75,000.00
    - (e) If sufficient ore is now outlined, then make up a mine plan - and project the mining cost - - - 5,000.00
    - (f) Take representation sample of ore to be milled and submit to testing laboratories for recommended flow sheet- - - - - 10,000.00
    - (g) Engineering - Geology - and Management - - - - - 25,000.00
- \$175,000.00

Note: The low amounts of copper at surface would allow cyaniding, but if Lingren is right about the vein turning to copper in the sulphide zone, the resulting ore body may not be subject to cyaniding. One pound of copper consumes 3# of cyanide, generally, so 1% of copper per ton is 20# of copper and so would therefore consume 60# of cyanide.

You must await the results of your testing program before designing your mining or milling method.





180

LOT NO. 58-B

PLAT

OF THE

*Trinity*

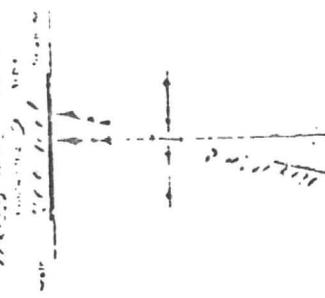
MILL-SITE CLAIM.

made in *Trinity* Mining Claim, in the *Trinity* Mill-Site Claim, Arizona.

Arizona.

Claimed by *William J. Sullivan*

Surveyed by *William J. Sullivan*

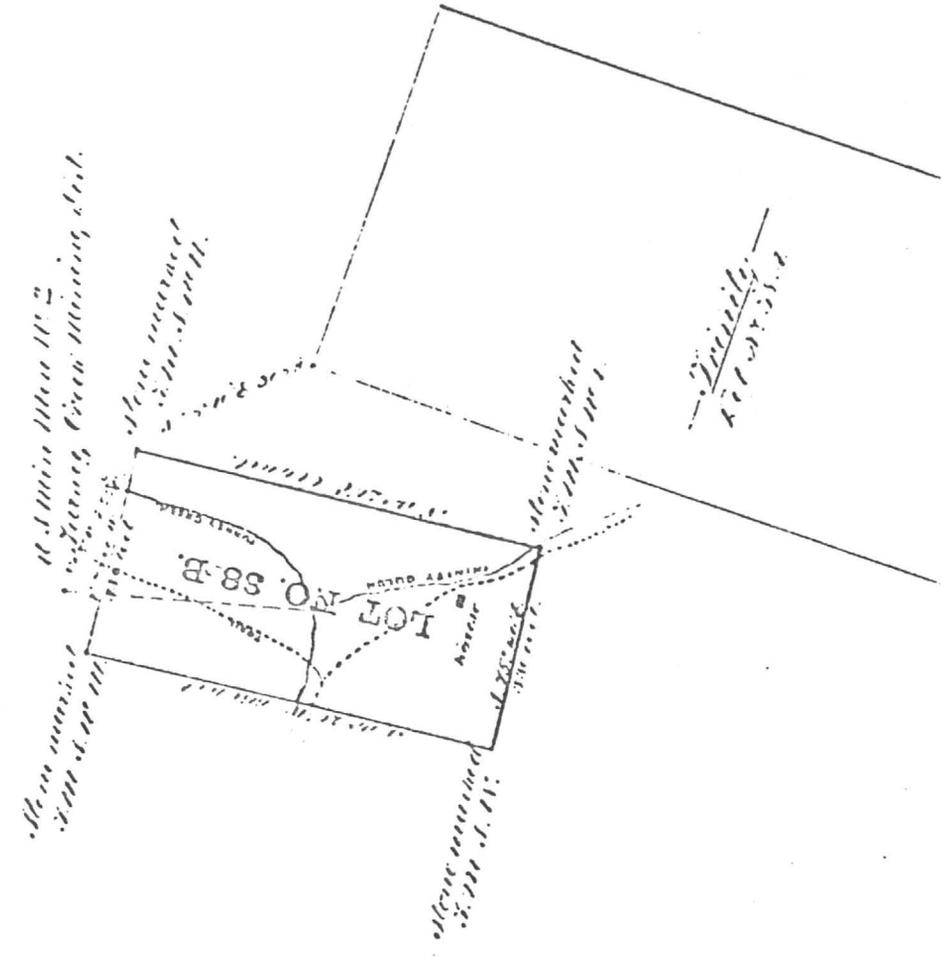


The original deed and of the survey of the *Trinity* mill-site claim from which this plat has been made, have been made and deposited on file in the office of the Surveyor General of the Territory of Arizona, and it is hereby certified that they form a correct and true copy of the original deed and of the survey of the *Trinity* mill-site claim as well as of the plat of the same. And it is further certified that the value of the land and improvements thereon is not less than five hundred dollars, and that said mill-site is a valid and lawful mining claim.

And I further certify that said mill-site is upon public lands, and that the plat of said *Trinity* mill-site claim will give a true and correct copy of the same, and that the same is a true and correct copy of the original deed and of the survey of the same.

*John A. ...*

U. S. Surveyor General's Office,  
Tucson, Arizona, June 1880



PLAT No. 129

**Union**  
MINING CLAIM.

Turkey Creek  
Sarapai

P. P. Bush  
et al.

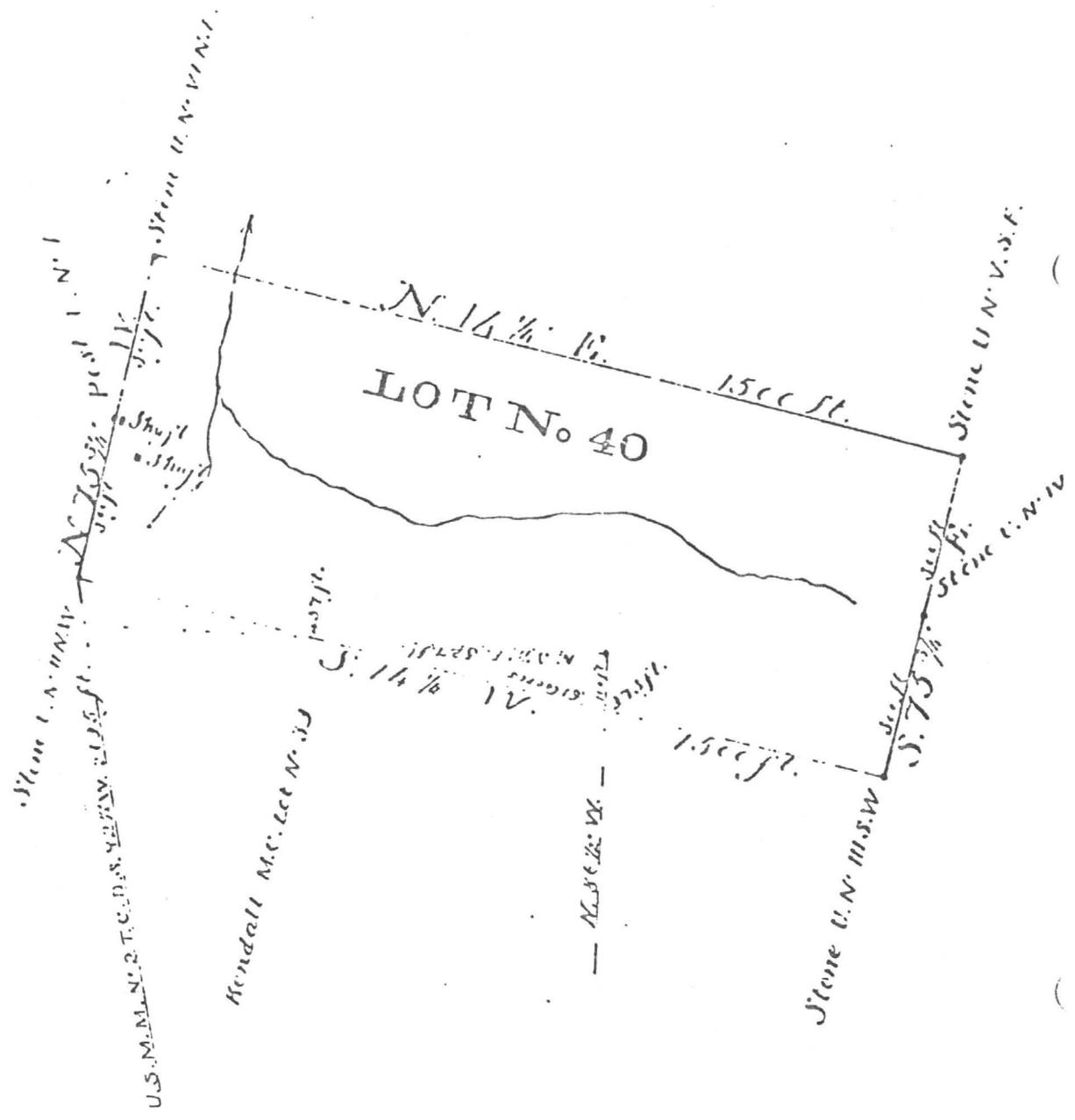
F. S. Ingalls  
Oct. 19 1882  
20.05

Union

Shaft 42 ft 28 ft deep  
4 ft 11 in  
Drift 25 - long

As shown by the report of P. P. Bush...  
U.S. Survey No. 1420  
Note July 18 1882

John S. Ingalls



DEED No. 430

# PLAT

## Franklin

MINING CLAIM

Turkey Creek

Yuccapai

Arizona

F.S. Ingalls

1858

1858

1858

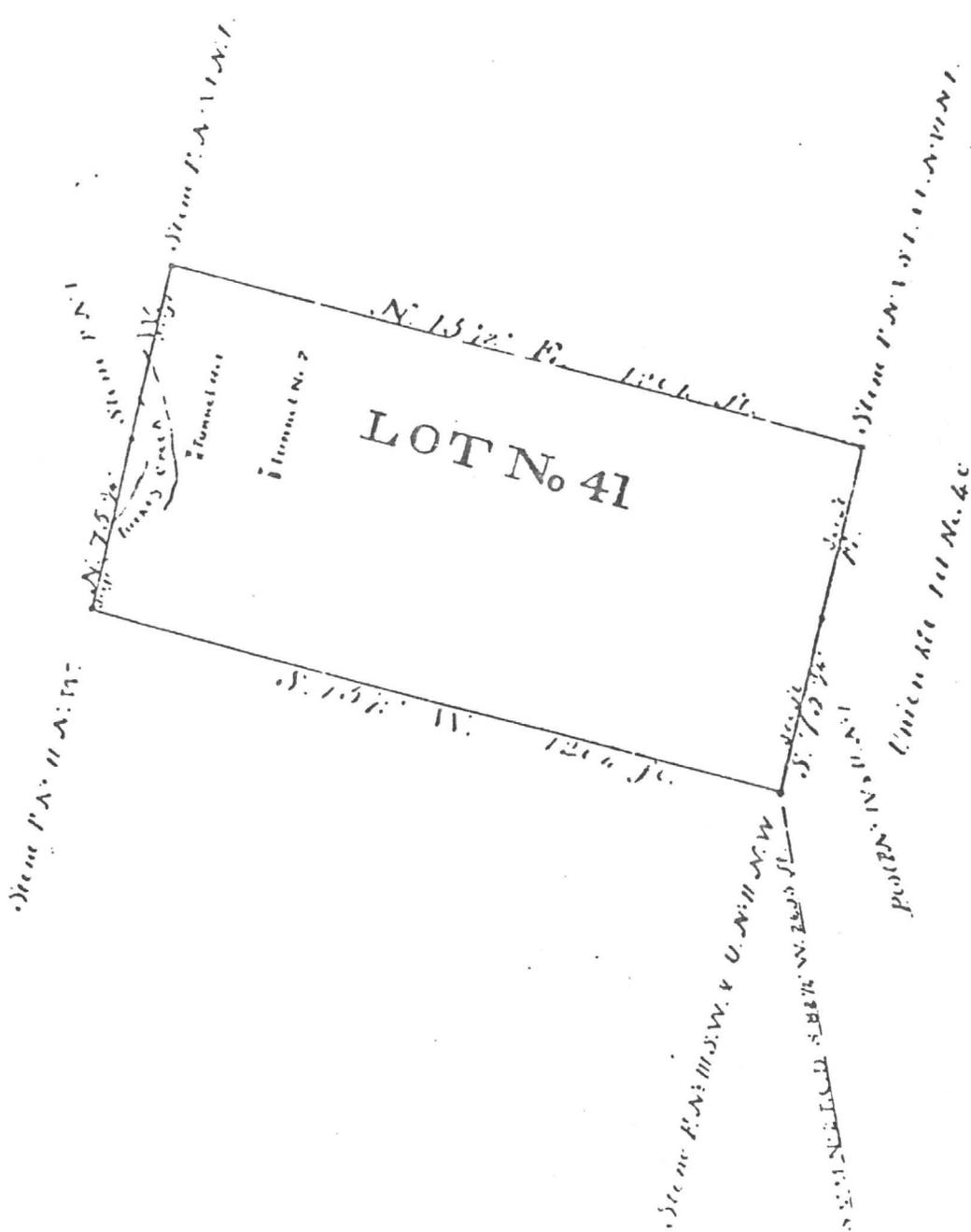
1858

1858

Franklin

Know all men by these presents that F.S. Ingalls of the County of Yuma, Arizona, for and in consideration of the sum of \$1000 to him in hand paid by the said F.S. Ingalls, the receipt of which is hereby acknowledged, have granted, sold and conveyed, and by these presents do grant, sell and convey unto the said F.S. Ingalls, his heirs and assigns forever, all that certain mining claim known as the Franklin, situate in the Territory of Arizona, in the County of Yuma, and in the Township of ... and Range of ...

Cl Tunnel 152 ft. long



Witness my hand and seal of the County of Yuma, Arizona, this 11th day of October, 1858.

*F.S. Ingalls*

November 11, 1858

December 18, 1979

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. W. L. Peterson  
Ms. Rauba Peterson  
P O Box 121  
Humboldt, Arizona 86329

Dear Claimants:

This letter acknowledges receipt of the Affidavit of Labor Performed and Improvements Made for 1978 - 1979 for:

Serial Number

Claim Name

A MC 37589

Silver Star

Enclosed is your check for (\$3.00) as there is no fee for filing an Affidavit of Labor and Improvements Made.

Thank you for your cooperation in this matter.

Sincerely yours,

/s/ Robert L. Peterson

Chief, Branch of Records  
and Data Management

Enclosure

cc: Accounts

BAhearn:caf

BC

April 8, 1979

W. L. Petersen  
Box 121  
Humboldt, AZ 86329

Dear Mr. Petersen:

This letter is to identify the serial number we have assigned to your mining claim location notice filed in this office on March 23, 1979.

Serial Number

A MC 37589

Name of Claim

Silver Star

Please refer to the claim name and the serial number in any future correspondence.

Enclosed is a chart showing requirements for filing affidavits of assessment work or notice of intention to hold mining claims.

Sincerely yours,

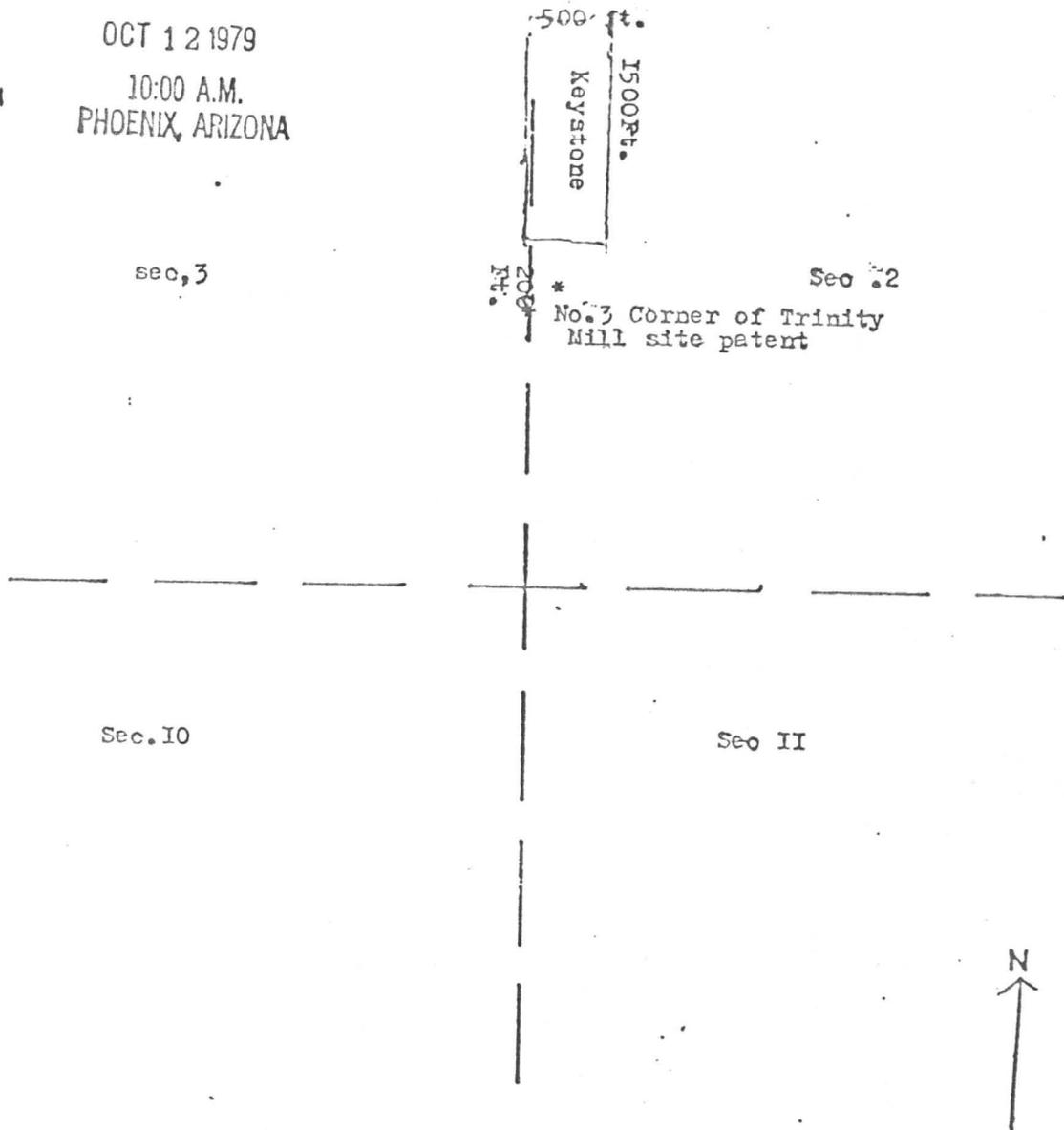
/s/ Robert L. Peterson

Chief, Branch of Records  
and Data Management

Enclosures

FBalley:cl

OCT 12 1979  
10:00 A.M.  
PHOENIX, ARIZONA



1. Name of Claim: Keystone
2. Name of Locator(s): Marilyn
3. Type of Claim: Lode
4. The Claim is located in SECTION Sec. 2 TOWNSHIP 11N. RANGE 1W.  
G. & S.R.M. in Yavapai County, Arizona.
5. Type of corner and location monuments used: "X" posts with rock bases
6. Scale: I in 1000 ft. Location Date: 10th. Sept. 79

IMPORTANT

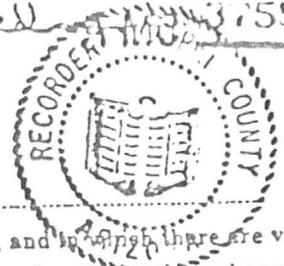
BOOK 1247 PAGE 303

Instructions for Completion:

- (i) If the land is surveyed, a corner of the claim must be tied by a course and distance to a monument of the Public Land Survey; if the land is unsurveyed, a corner must be tied by course and distance to an established survey monument of a United States Government agency or a United States Mineral Monument; if no such monuments are available, one or other permanent monument as shown on Plat.
- (ii) North arrow must be shown on Plat.
- (iii) Bearing and distances between corners must be shown on Plat.

Blind...  
MAR 23 3 26 PM '79  
PHOENIX, ARIZONA

*W. L. Petersen*  
Notice of Mining Location  
LODE CLAIM



TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Silver Star  
Mining Claim, situate on land belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Robert Rippey, Alvin Reeves and W.L. Petersen

(Locator must insert either "A Citizen of the United States," or "Who has declared his intention to become a Citizen of the United States.")  
the undersigned, on the 5th day of March, 1979

The length of this claim is 1500 feet and 1500 feet in a Northerly direction and 750 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northerly to the southerly.

The claim is situated and located in the Turkey Creek Mining District, in Yavapai county, in the State of Arizona, about one half mile in a Easterly direction from Holley wells  
Located in sec. 2-1-11-N-R. I.E.

The surface boundaries of the claim are marked upon the ground as follows:  
Beginning at North center  
at a point in a 750 direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence 300 feet to a 2x4 post being the North east corner of said claim; thence 1500 feet to a 2x4 post being at the Southeast corner of said claim; thence 300 feet to a 2x4 post at the center of the South end of this claim; thence 300 feet to a 2x4 post, being at the Southwest corner of said claim; thence 1500 feet to a 2x4 post at the Northwest corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 4th day of March, 1979  
Robert Rippey  
Alvin B. Reeves  
W. L. Petersen Locator(s)  
Witness

STATE OF ARIZONA } ss. BOOK 1201 PAGE 314  
COUNTY OF \_\_\_\_\_

I hereby certify that the within instrument was filed and recorded at request of W. L. Petersen

on Box 121 at Humboldt 86329

Witness my hand and official seal the day and year aforesaid.

County Recorder.  
By \_\_\_\_\_ Deputy Recorder.

I do hereby certify that the within instrument was filed and recorded at the request of W. L. Petersen  
on DEC 7 '79-12 40 PM o'clock Book 1264 Official Records Page 581  
Records of Yavapai County, Arizona. WITNESS my hand and official seal the day and year first above written.

INDEXED

PATSY C. JEFFINEY, County Recorder  
By Kathron Deputy



W. L. Petersen  
PO Box 121  
Humboldt 86329

# Affidavit of Labor Performed and Improvements Made

RECEIVED

BLM. AZ STATE OFFICE

STATE OF ARIZONA,  
County of Yavapai

DEC 17 1979

W. L. Petersen 10:00 A.M. being duly sworn, deposes and says that he is a citizen of the PHOENIX, ARIZONA more than twenty-one years of age, and resides at Humboldt in Yavapai County, State of Arizona, and is personally acquainted with the mining claim known as Silver Star

mining claim, situate in Turkey Creek Mining District, County of Yavapai, State of Arizona, the location notice of which is recorded in the office of the County Recorder of said County, in Book 1st of Records of Mines, at page 1; that between the 1st day of October, A. D. 1978, and the 30<sup>th</sup> day of August A. D. 1979, ~~over one~~ over one hundred dollars worth of work and improvements were done and performed upon said claim, not including the location work of said claim. Such work and improvements were made by and at the expense of W. L. Petersen

owner of said claim for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and Clark Blackwood, Jr.

were the men employed by said owner and who labored upon said claim, did said work and improvements, the same being as follows, to-wit:

Repaired approach to upper tunnel with a "cat" and cleaned out tunnel.

*ad by  
Petersen  
12-18-79*



Raula Petersen

Subscribed and sworn to before me this 9<sup>th</sup> day of November, A. D. 1979

May 17, 1979

Mr. and Mrs. Eugene D. Swanson  
P.O. Box 72  
Humboldt, Arizona 86339

Dear Mr. and Mrs. Swanson:

This letter is to identify the serial number we have assigned to your mining claim location notice filed in this office on May 7, 1979.

Serial Number

Name of Claim

A MC 40897

Silver Moon

Please refer to the claim name and the serial number in any future correspondence.

Enclosed is a chart showing requirements for filing affidavits of assessment work or notice of intention to hold mining claims.

Sincerely yours,

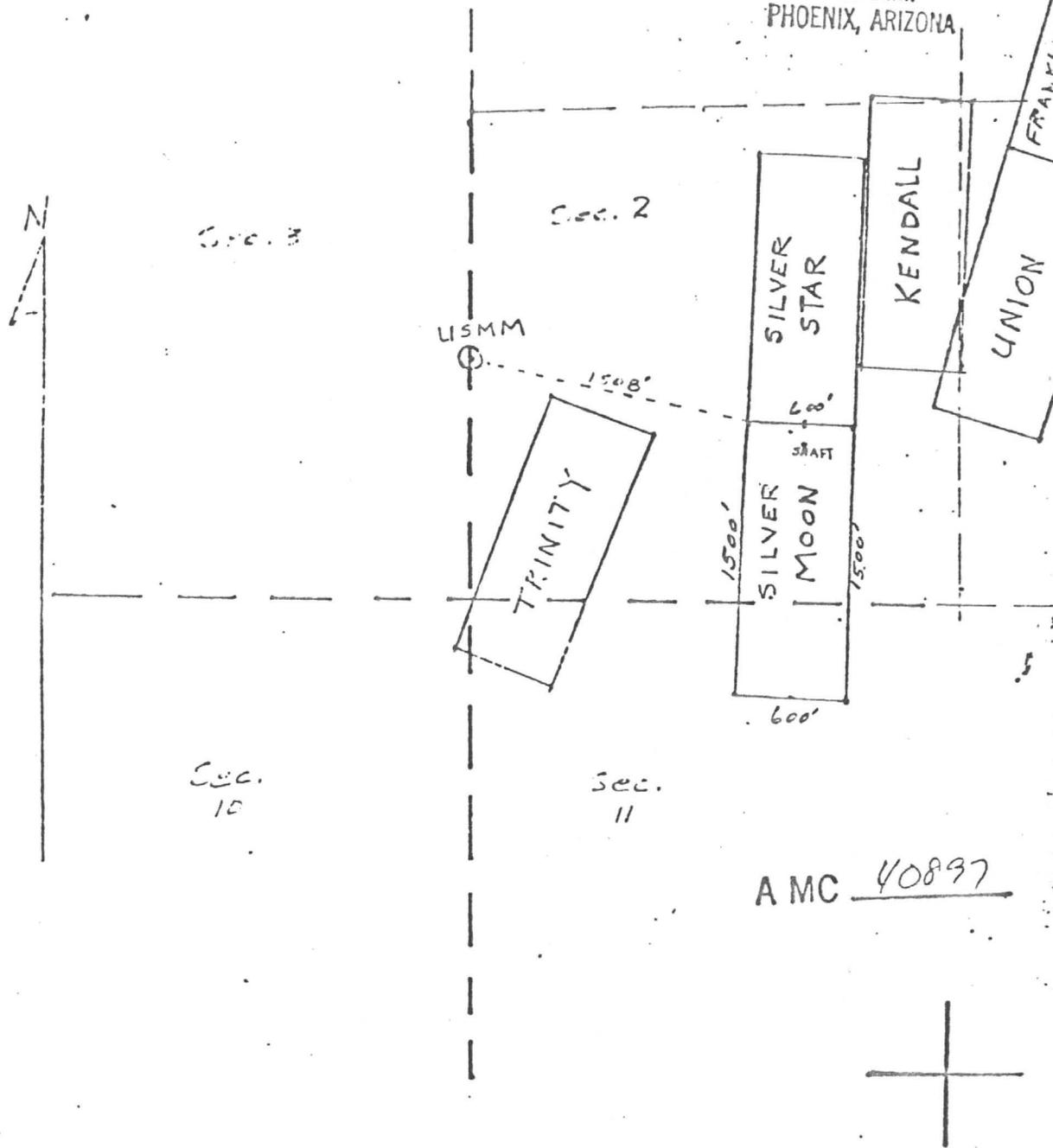
W. Robert L. Peterson

Chief, Branch of Records  
and Data Management

Enclosure

PBailey/cr/5/17/79

10:00 A.M.  
PHOENIX, ARIZONA



1. Name of Claim: SILVER MOON
2. Type of Claim: LODE
3. The Claim is located in Section 2, Township 11N, Range 1W, G. & S.R.M.
4. Scale: 1" = 750'
5. The Claim is situated in YAVAPAI County, Arizona.
6. Type of corner and location monuments used: 6 - 2"x2"x4' STAKES with stones around the bottom.

Instructions for Completion:

BOOK 1209 PAGE 613

- (1) If the land is surveyed, a corner of the claim must be tied by a course and distance to a monument of the Public Land Survey; if the land is unsurveyed, a corner must be tied by course and distance to an established survey monument of a United States Government agency or a United States Mineral Monument; if no such monuments are available, one or other permanent monument as shown on Plat.
- (ii) North arrow must be shown on Plat.
- (iii) Bearing and distances between corners must be shown on Plat.

A MC 74424 thru  
A MC 74426 (952)

January 7, 1979

Rauha Peterson  
W. L. Peterson  
Marlyn Carling  
Carney Huss  
P. O. Box 121  
Humboldt, Arizona 86129

Dear Claimants:

This letter is to identify the serial numbers we have assigned to the mining claim location notices filed in this office on October 12, 1979.

<u>Serial Number</u>	<u>Name of Claim</u>
A MC 74424	Keystone
A MC 74425 thru 74426	Keystone No 3 thru No 4

Please refer to the claim names and the serial numbers in any future correspondence. B9

A photocopy of your recorded Affidavit of Labor Performed or Notice of Intent to Hold for the 1979-1980 assessment year should be filed in this office on or before December 31, 1980. To be acceptable, the affidavit must show the work done during the period noon September 1, 1979 to noon September 1, 1980. No fee is required.

Sincerely yours,

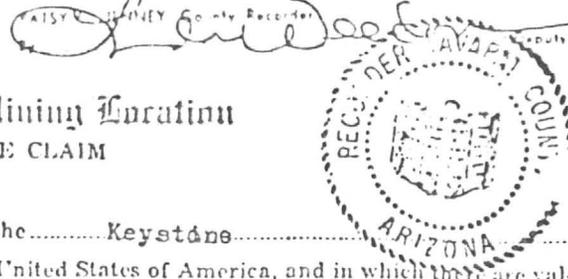
/s/ Robert L. Peterson

Chief, Branch of Records  
and Data Management

Enclosure:  
Regulations 43 CFR 3833

BAhearn:ah

*When recorded return to*  
*Raule Peterson*  
*P.O. Box 121*  
*Humboldt Hwy 8529*



### Notice of Mining Location LODE CLAIM

TO ALL WHOM IT MAY CONCERN:  
RECEIVED This Mining Claim, the name of which is the Keystone  
B.L.M. AZ STATE OFFICE Mining Claim, situate on land belonging to the United States of America, and in which there are val-  
mineral deposits, was entered upon and located for the purpose of exploration and purchase by

Marilyn Carling Citizen of the United States  
10:00 A.M.  
PHOENIX, ARIZONA

insert either "A Citizen of the United States," or "Who has declared his intention to become a Citizen of the United States."  
the undersigned, on the 10th day of Sept., 1979.

The length of this claim is 1500 feet and 1 claim 350 feet in  
a southerly direction and 1150 feet in a northerly direction from  
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim together  
with 300 feet in width of the surface grounds, on each side of the center of said  
claim. The general course of the lode deposit and premises is from the northerly  
to the southerly.

The claim is situated and located in the Turkey Creek Mining District, in  
Yavapai county, in the State of Arizona, about 20 miles  
in a southeasterly direction from Prescott, Arizona  
and located in the southeast quarter of Sec. 2 twp II n. R J W.  
with the southwest corner located 200 ft. north of the No. 3 monument  
of the Trinity patented Millsite.

The surface boundaries of the claim are marked upon the ground as follows:  
Beginning at the south end center of the Keystone mining claim  
at a point in a southerly direction 350 feet from  
the discovery shaft (at which this notice is posted), being in the center of the south  
end line of said claim; thence 300 feet to a 2x2 post  
with rocks, being the southeast corner of said claim;  
thence 1500 feet to a 2x2 post with rocks being at the  
northeast corner of said claim; thence 300 feet  
to a 2x2 post with rocks the center of the north end of this claim;  
thence 300 feet to a 2x2 post with rocks being at the  
northwest corner of said claim; thence 1500 feet  
to a 2x2 post with rocks at the southwest corner of said claim;  
thence 300 feet to the place of beginning.

Dated and posted on the ground this 10th day of Sept., 19 79.

Francis P. Rossi Witness  
Marilyn Carling Locator(s)

STATE OF ARIZONA } ss. BOOK 1247 PAGE 302  
COUNTY OF \_\_\_\_\_

Witness my hand and official seal  
the day and year aforesaid.

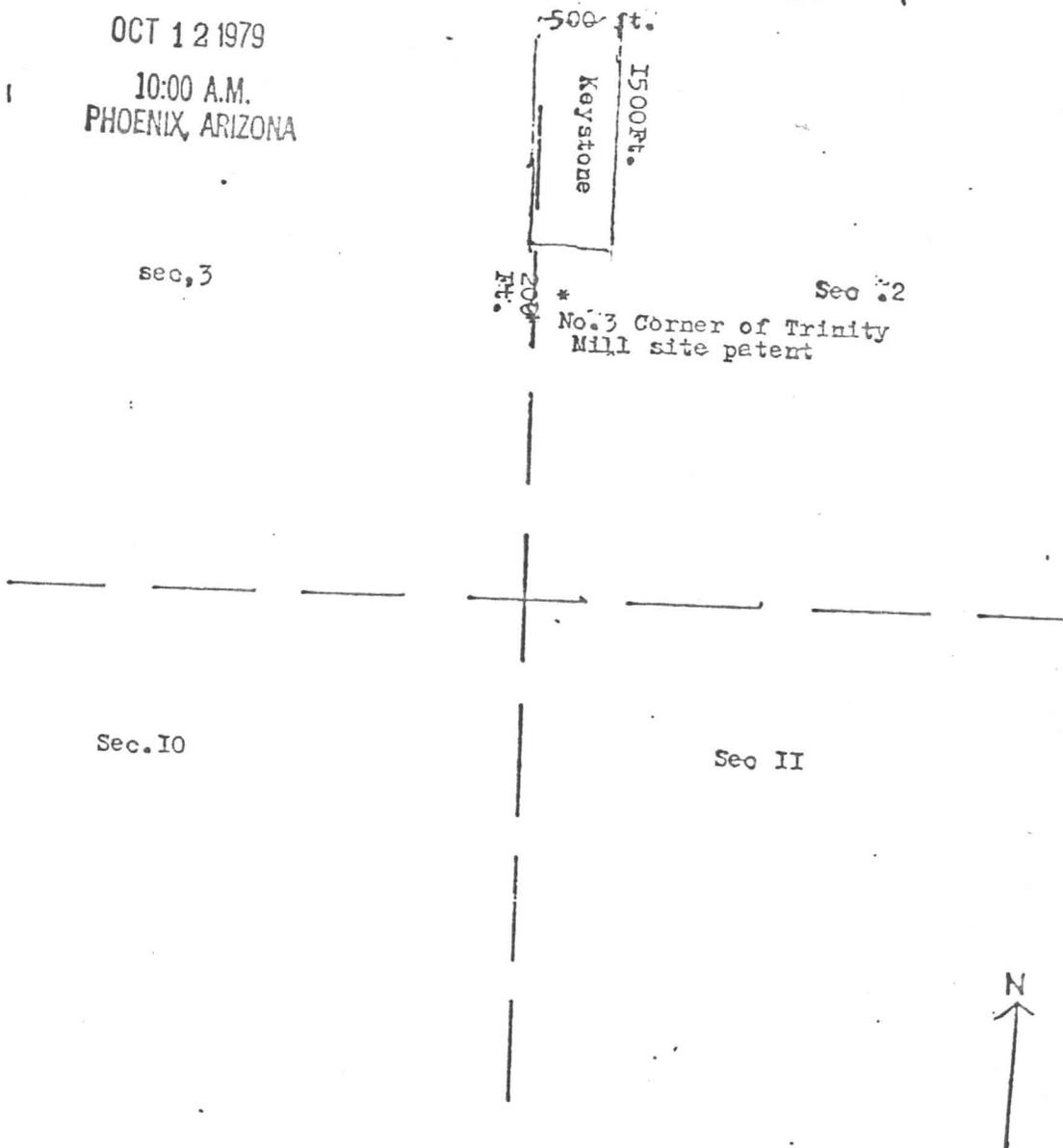
I hereby certify that the within in-  
strument was filed and recorded at  
request of \_\_\_\_\_  
\_\_\_\_\_ at  
\_\_\_\_\_ M, Docket \_\_\_\_\_

County Recorder  
By \_\_\_\_\_  
Deputy Recorder.

Fee \$1.00

Indexed	Photostat Compared	Plotted
---------	-----------------------	---------

OCT 12 1979  
10:00 A.M.  
PHOENIX, ARIZONA



1. Name of Claim: Keystone
2. Name of Locator(s): Marilyn
3. Type of Claim: Lode
4. The Claim is located in SECTION Sec. 2 TOWNSHIP III<sup>N</sup> RANGE IV<sup>W</sup> G. & S.R.M. in Yavapai County, Arizona.
5. Type of corner and location monuments used: "X" posts with rock bases
6. Scale: I in 1000 ft. Location Date: 10th. Sept. 79

IMPORTANT

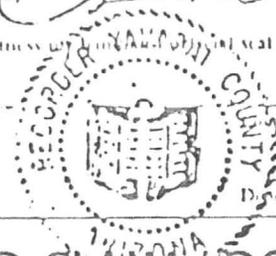
BOOK 1247 PAGE 303

Instructions for Completion:  
 (i) If the land is surveyed, a corner of the claim must be tied by a course and distance to a monument of the Public Land Survey; if the land is unsurveyed, a corner must be tied by course and distance to an established survey monument of a United States Government agency or a United States Mineral Monument; if no such monuments are available, one or other permanent monument as shown on Plat.  
 (ii) North arrow must be shown on Plat.  
 (iii) Bearing and distances between corners must be shown on Plat.

*Carney Muzzi*

When recorded mail to:

Witness by \_\_\_\_\_  
By \_\_\_\_\_  
Recorder  
Deputy Recorder



Fee \$  
**3**

### NOTICE OF MINING CLAIM LOCATION

1.  Location       Amendment       Relocation

2.  Placer       Lode       Millsite

ARIZONA STATE OFFICE  
BU. LAND MANAGEMENT

3. The name and address of the Locator is

Carney Muzzi

OCT 15 1980

2224 N. Camino Castile

Name: \_\_\_\_\_  
7:45 A.M.  
PHOENIX, ARIZONA

#1023 Tucson

Ariz.

857165

City

State

Zip

- 4. The name of the claim is Keystone No. 3
- 5. The date of the location is Sept. 10 1979
- 6. The claim is 1500 feet long and 500 feet wide. The distance from the Location monument to each end of the claim is 500 feet in a northerly direction and 1000 feet in a southerly direction.
- 7. The general course of the claim is from the northerly to the southerly
- 8. The location of the claim is in Section 2, Township 11 N., Range 1 W.  
G&SR&M, Turkey Creek Mining District, Yavapai County, Arizona.
- 9. If amending or relocating, the previous claim name was Unknown  
\_\_\_\_\_ recorded in Docket \_\_\_\_\_, Book \_\_\_\_\_  
\_\_\_\_\_ Mining District, \_\_\_\_\_ County, Arizona.
- 10. The location of the claim with reference to a natural object or permanent monument is \_\_\_\_\_  
in a northerly direction from Keystone Mine with a common North  
South end line and with the southwest corner being 1700 ft  
from corner No. 3 of the patented Trinity millsite and about  
1000 ft northerly from Hawkey well.

Date 9-10-79

*Carney Muzzi*  
Signature

BOOK 1247 PAGE 295

BOOK 1327 PAGE 791

LAW OFFICES OF

*Hayes & Busby*

REDONDO TOWER • EIGHT WEST PASEO REDONDO • TUCSON, ARIZONA 85705

RAYMOND F. HAYES  
JAMES G. BUSBY  
CATHERINE M. McCracken

TELEPHONE (602) 623-6422

October 14, 1980

ARIZONA STATE OFFICE  
BU. LAND MANAGEMENT

OCT 15 1980

7:45 A.M.  
PHOENIX, ARIZONA

Mr. Robert Buffington  
State Director  
State Office  
Bureau of Land Management  
Department of the Interior  
2400 Valley Bank Center  
Phoenix, Arizona 85073

Re: Notice of Transfer of Interest in Mining Claim

Dear Mr. Buffington:

Pursuant to 43 C.F.R. § 3833.3, this is to notify the Bureau of Land Management that an interest of Carney P. Nuzzi and Marion Nuzzi in the mining claim described below was transferred by deed on September 17, 1980, to:

Merle E. Frampton, an unmarried man  
Route 1, Box 627K  
14000 N. Como Dr.  
Tucson, Arizona 85704

The mining claim subject to this transfer is described as follows:

<u>Claim Name</u>	<u>Recorded in Yavapai County, Arizona</u>		<u>BLM</u>
	<u>Book</u>	<u>Page</u>	<u>Serial Number</u>
Keystone #3	1247	298-299	AMC 74425
Transfer	1327	791-792	

A copy of the recorded deed is enclosed herein for your convenience.

Thank you for reflecting the transfer on your books.

Very truly yours,

*Raymond F. Hayes*  
Raymond F. Hayes

1. The name of the claim is Keystone No. 3
2. The southwest corner of the claim is 1700 feet in a northerly direction to a survey monument or permanent natural object described as No. 3 corner of the patented Trinity Millsite
3. The type of location monument is 2x2 post with rocks with location paper  
The type of corner and end monuments are: 2x2 posts with rocks
4. The bearing and distance between the corners of the claim are beginning at the southwest corner of the claim, 600 feet in a easterly direction to the southeast corner, then 1500 feet in a northerly direction to the northeast corner, then 600 feet in a westerly direction to the northwest corner, then 1500 feet in a southerly direction to the point of beginning.

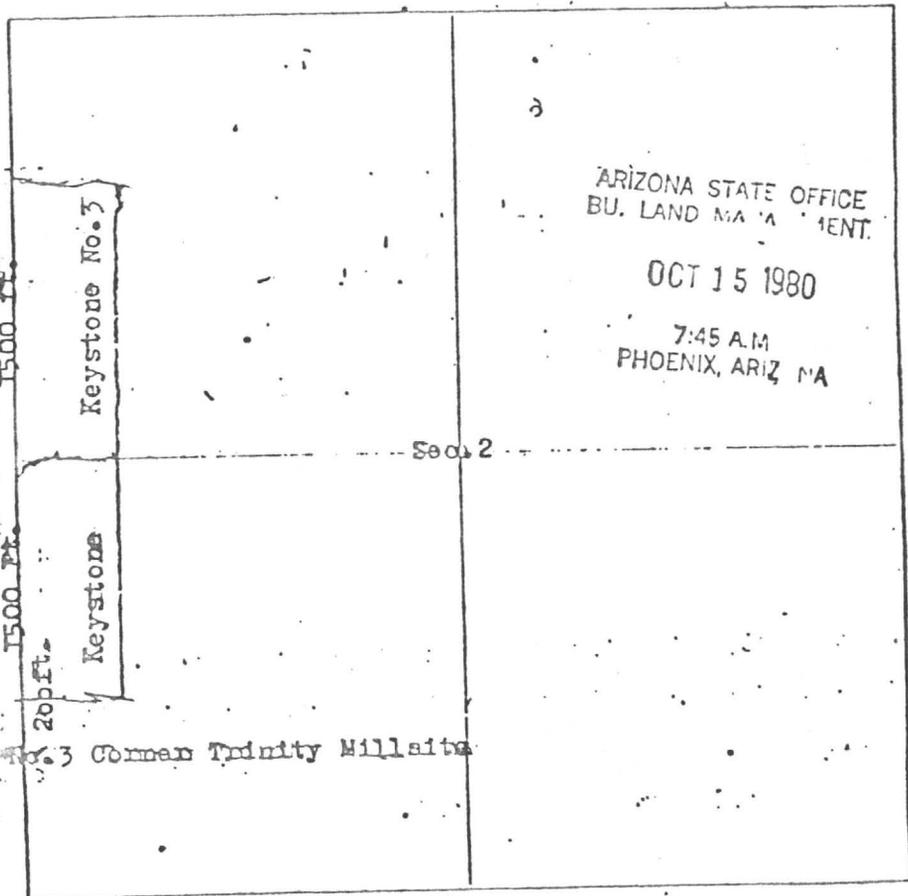
### MAP

One inch = One thousand feet

North Arrow



ONE MILE



Section 2 Range 11th Township 1 W. G&SRD&M

Date Sept 10 79

BOOK 1247 PAGE 299

Carney Pizzi  
Signature

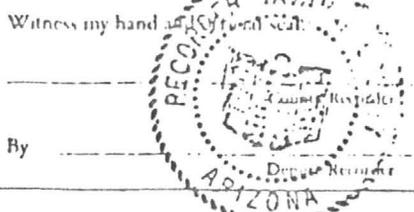


OCT 12 1979

INDEXED

PATSY [Signature] YAVAPAI County Recorder Deputy

10:00 A.M. J. [Signature]  
PHOENIX, ARIZONA  
PO Box 121  
Humboldt Arizona 86329



### NOTICE OF MINING CLAIM LOCATION

- 1.  Location                       Amendment                       Relocation
- 2.  Placer                               Lode                                   Millsite                               Tunnelsite
- 3. The name and address of the Locator is Robert Rippey and W.L. Petersen

Name \_\_\_\_\_  
Box 121 Humboldt Ariz.                      86329  
Address \_\_\_\_\_  
Humboldt                      Arizona                      86329  
City                      State                      Zip

- 4. The name of the claim is Keystone No. 4
- 5. The date of the location is Sept. 10 1979
- 6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monument to each end of the claim is 750 feet in a northerly direction and 750 feet in a southerly direction.
- 7. The general course of the claim is from the northerly to the southerly
- 8. The location of the claim is in Section sec. 2 Township 11N Range I W. G&SRB&M, Turkey creek Mining District, Yavapai County, Arizona.
- 9. If amending or relocating, the previous claim name was unknown recorded in Docket \_\_\_\_\_, Book \_\_\_\_\_ Mining District, \_\_\_\_\_ County, Arizona.
- 10. The location of the claim with reference to a natural object or permanent monument is a northerly from Keystone No. 3 and located on Pine Creek and has a common north-south end line with Keystone No. 3 with the southwest corner being about 3700 ft, northerly from the corner no. 3 of the Trinity patented millsite and about 3000 ft northerly from Hawkey well.

Date 9-20-79

Robert Rippey  
Signature

10:00 A.M. MAP OF MINING CLAIM LOCATION  
 PHOENIX, ARIZONA

1. The name of the claim is Keystone No. 4
2. The southwest corner of the claim is 3700 feet in a northerly direction to a survey monument or permanent natural object described as No. 3 corner of the patented Trinity Millsite
3. The type of location monument is a 2x2 post with rocks with location paper  
 The type of corner and end monuments are 2x2 posts with rocks
4. The bearing and distance between the corners of the claim are beginning at the southwest corner of the claim. 600 feet in a southeast direction to the southeast corner, then 1500 feet in a northerly direction to the northeast corner, then 600 feet in a westerly direction to the northwest corner, then 1500 feet in a southerly direction to the point of beginning.

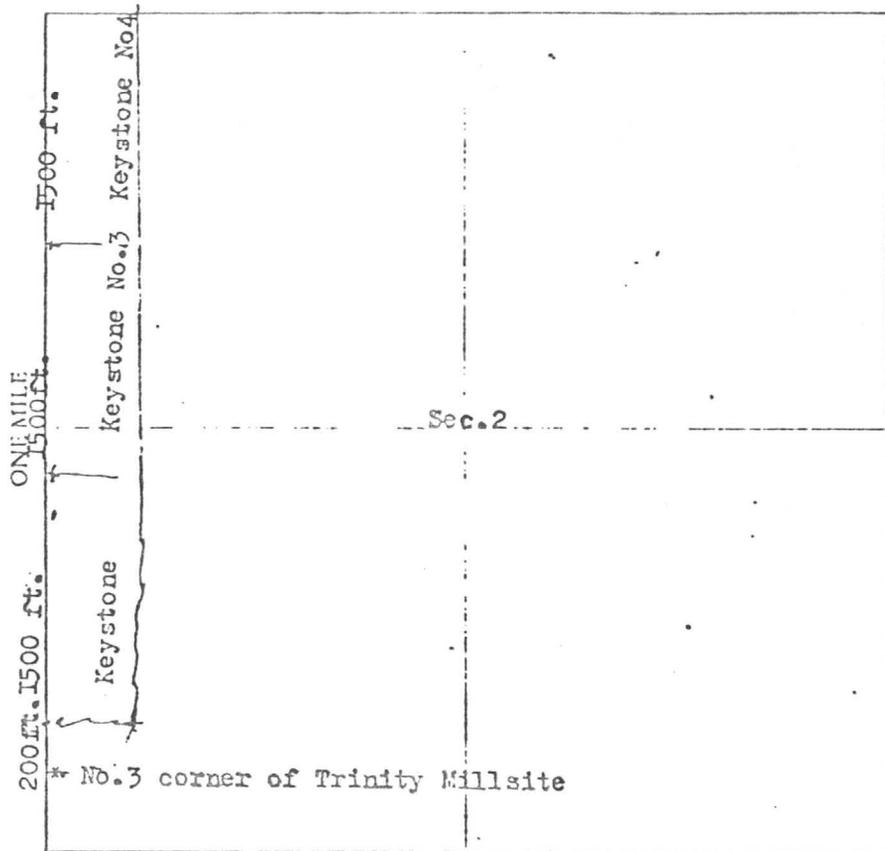
MAP

One inch = One thousand feet

North Arrow



ONE MILE



Section 2 Range II N. Township I W. G&SR&M

Date Sept. 10 1979

BOOK 1247 PAGE 301

*Robert Rippey*  
 Signature

A MC 101811 thru  
A MC 101813 (952)

September 18, 1980

W. L. Peterson  
Box 121 Humboldt  
Humboldt, Arizona 86329

Dear Mr. Peterson:

This letter is to identify the serial numbers we have assigned to your mining claim location notices filed in this office on April 22, 1980.

<u>Serial Number</u>	<u>Name of Claim</u>
A MC 101811	The Golden Goose
A MC 101812	North Star
A MC 101813	Silver Ball

Please refer to the claim names and the serial numbers in any future correspondence.

A photocopy of your Affidavit of Labor Performed or Notice of Intent to Hold for the 1980-1981 assessment year should be filed in this office on or before December 30, 1981. To be acceptable, the affidavit must show the work done during the period from September 1, 1980 to noon September 1, 1981. The serial number assigned to each claim must be included. No fee is required.

Sincerely,

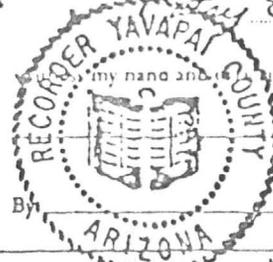
/s/ Theresa A. Carnack

Theresa A. Carnack  
Acting Chief, Branch of Records  
and Data Management

Enclosure:  
Regulations 43 CFR 3833

RECORDED

PATSY C. JENNEY, County Recorder



County Recorder

Deputy Recorder

Fee: \$

3-

When recorded mail to:

W. L. Peterson  
Box 121  
Humboldt, AZ 86329

### NOTICE OF MINING CLAIM LOCATION

- 1.  Location  Amendment  Relocation
- 2.  Placer  Lode  Millsite  Tunnelsite
- 3. The name and address of the Locator is

Robert Rippey, Alvin Baevra and W.L. Peterson  
Name

Box 121 Humboldt Arizona.  
Address

Humboldt  
City

Arizona  
State

86329  
Zip

- 4. The name of the claim is Silver Bell
- 5. The date of the location is Jan. 27, 1980
- 6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monument to each end of the claim is 150 feet in a southerly direction and 1380 feet in a northerly direction.
- 7. The general course of the claim is from the north to the south
- 8. The location of the claim is in Section 2, Township 11N, Range 1W  
G&SRB&M, Turkey Creek Mining District, Yavapai County, Arizona.
- 9. If amending or relocating, the previous claim name was \_\_\_\_\_  
\_\_\_\_\_ recorded in Docket \_\_\_\_\_, Book \_\_\_\_\_  
\_\_\_\_\_ Mining District, \_\_\_\_\_ County, Arizona.
- 10. The location of the claim with reference to a natural object or permanent monument is about 1/2 mile east from Hawkey Well

RECEIVED  
B.L.M. BY STATE OFFICE  
APR 22 1 45 AM '80  
PHOENIX, ARIZONA

Date Jan. 27 1980

W.L. Peterson

# MAP OF MINING CLAIM LOCATION

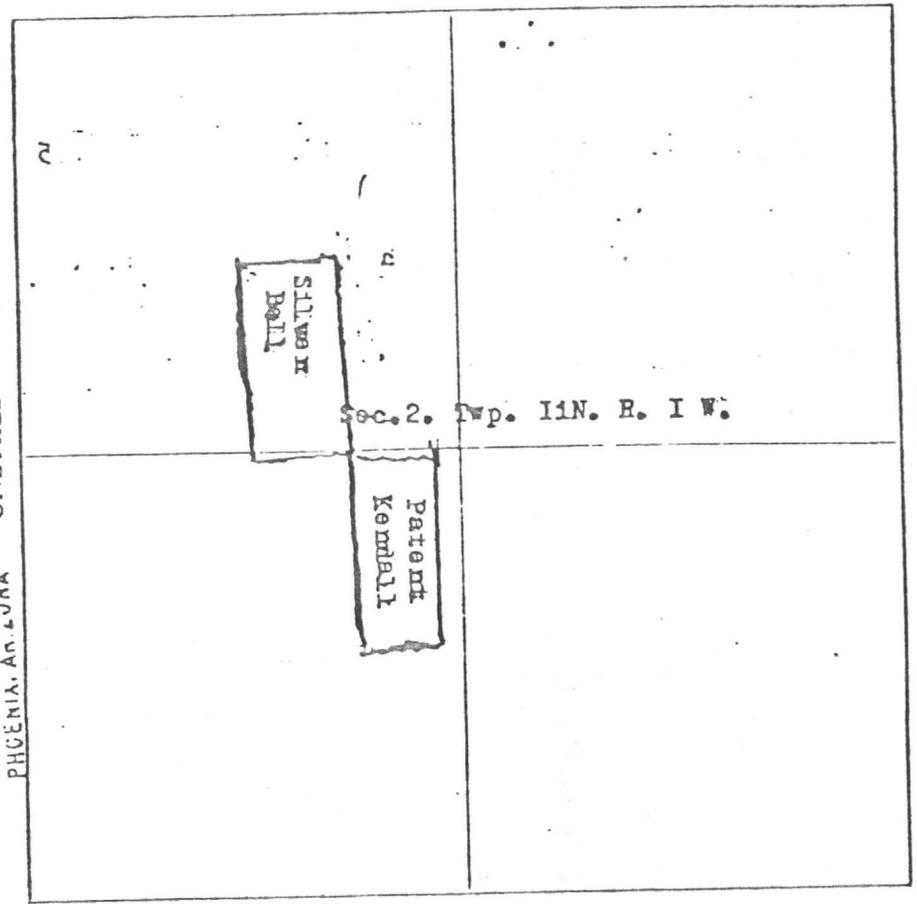
1. The name of the claim is Silver Bell
2. The Southeast corner of the claim is \_\_\_\_\_ feet in a \_\_\_\_\_ direction to a survey monument or permanent natural object described as in common with the north west corner of the Kendall patented mine.
3. The type of location monument is ~~2x2 post with rock base over 4 feet in height~~  
2x2 posts with rock bases  
The type of corner and end monuments are \_\_\_\_\_
4. The bearing and distance between the corners of the claim are beginning at the south east corner of the claim, 600 feet in a westerly direction to the south west corner, then 1500 feet in a northerly direction to the north west corner, then 600 feet in a easterly direction to the northeast corner, then 1500 feet in a southerly direction to the point of beginning.

## MAP

One inch = One thousand feet



ONE MILE



RECEIVED  
 B.L.M. STATE OFFICE  
 APR 22 / 43 AM '80  
 PHOENIX, ARIZONA

Section 2 Range I W. Township 11N. G&SRB&M

Date Jan. 27 1980

1000 040 W. J. Petersen

PATSY C. JENNEY, County Recorder  
By *Patsy Jenney*

When recorded mail to:

Witness my hand in \_\_\_\_\_ order  
By \_\_\_\_\_ Deputy Recorder



Fee: 3  
NIC 101812  
Tunnelsite

# NOTICE OF MINING CLAIM LOCATION

- 1.  Location       Amendment       Relocation
- 2.  Placer       Lode       Millsite       Tunnelsite

3. The name and address of the Locator is

Robert Rippey Alvin Reeves and W.L. Petersen  
Name

Box 121  
Address

Humboldt      Arizona      86329  
City      State      Zip

4. The name of the claim is North Star
5. The date of the location is Jan 27 1980
6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monument to each end of the claim is 150 feet in a southerly direction and 1350 a Northerly direction.
7. The general course of the claim is from the South to the to the north
8. The location of the claim is in Section 2, Township IIN., Range I. W. G&SRB&M, Turkey Creek Mining District, Yavapai County, Arizona.
9. If amending or relocating, the previous claim name was \_\_\_\_\_ recorded in Docket \_\_\_\_\_ Book \_\_\_\_\_ Mining District, \_\_\_\_\_ County, Arizona.
10. The location of the claim with reference to a natural object or permanent monument is \_\_\_\_\_

RECEIVED  
B.L.V. COUNTY OFFICE  
APR 22 / 4, AM '80  
PHOENIX, ARIZONA

Date Jan. 27 1980  
BOOK 1289 PAGE 819

*Robert O Rippey*  
Signature

C 1010812

1. The name of the claim is North Star
2. The south west corner of the claim is \_\_\_\_\_ feet in a \_\_\_\_\_ direction to a survey monument or permanent natural object described as in common with the north west corner of the patented Franklin mine.
3. The type of location monument is 2x2 post with rock a base over 4 feet high  
The type of corner and end monuments are 2x2 posts with rock bases over 4 feet
4. The bearing and distance between the corners of the claim are beginning at the South west corner of the claim, 1500 feet in a north west direction to the north west corner, then 600 feet in a easterly direction to the north east corner, then 1500 feet in a southerly direction to the southeast corner, then 600 feet in a westerly direction to the point of beginning.

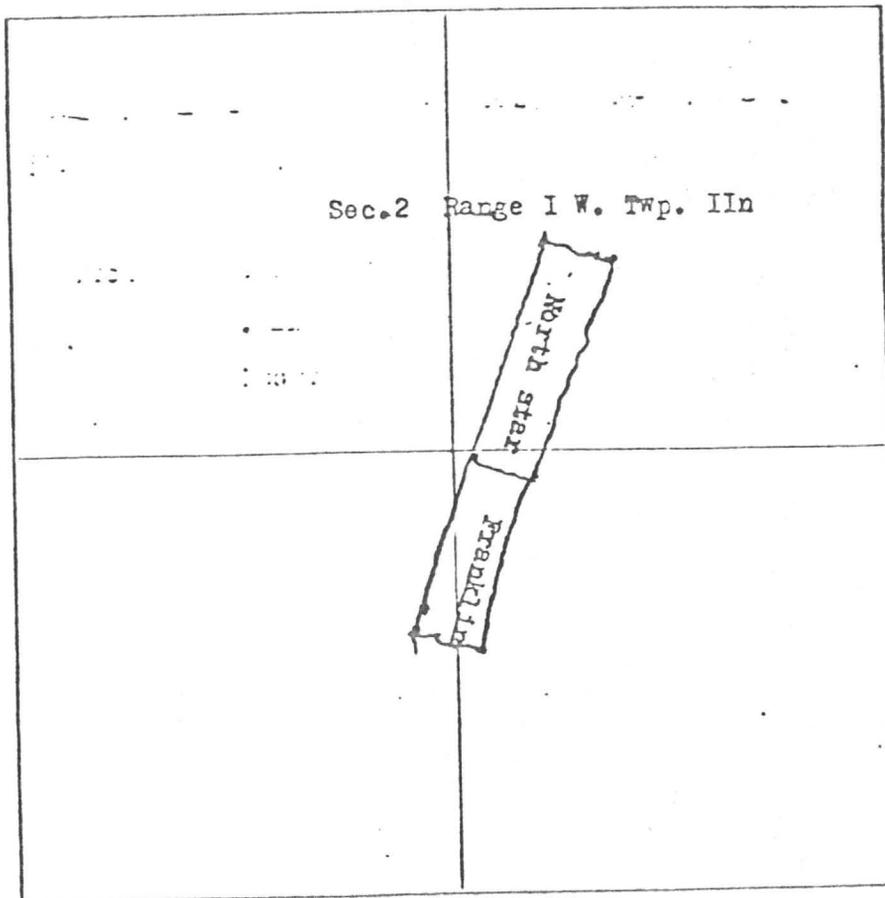
### MAP

One inch = One thousand feet

North Arrow



ONE MILE



640 ACRES

ONE MILE

RECEIVED OFFICE

B.T.P.

APR 22 / 4 30 AM '80  
PHOENIX, ARIZONA

Section 2 Range I W. Township II N. G&SRB&M

Date Jan. 27 1980

*Robert O. Reppert*  
Signature

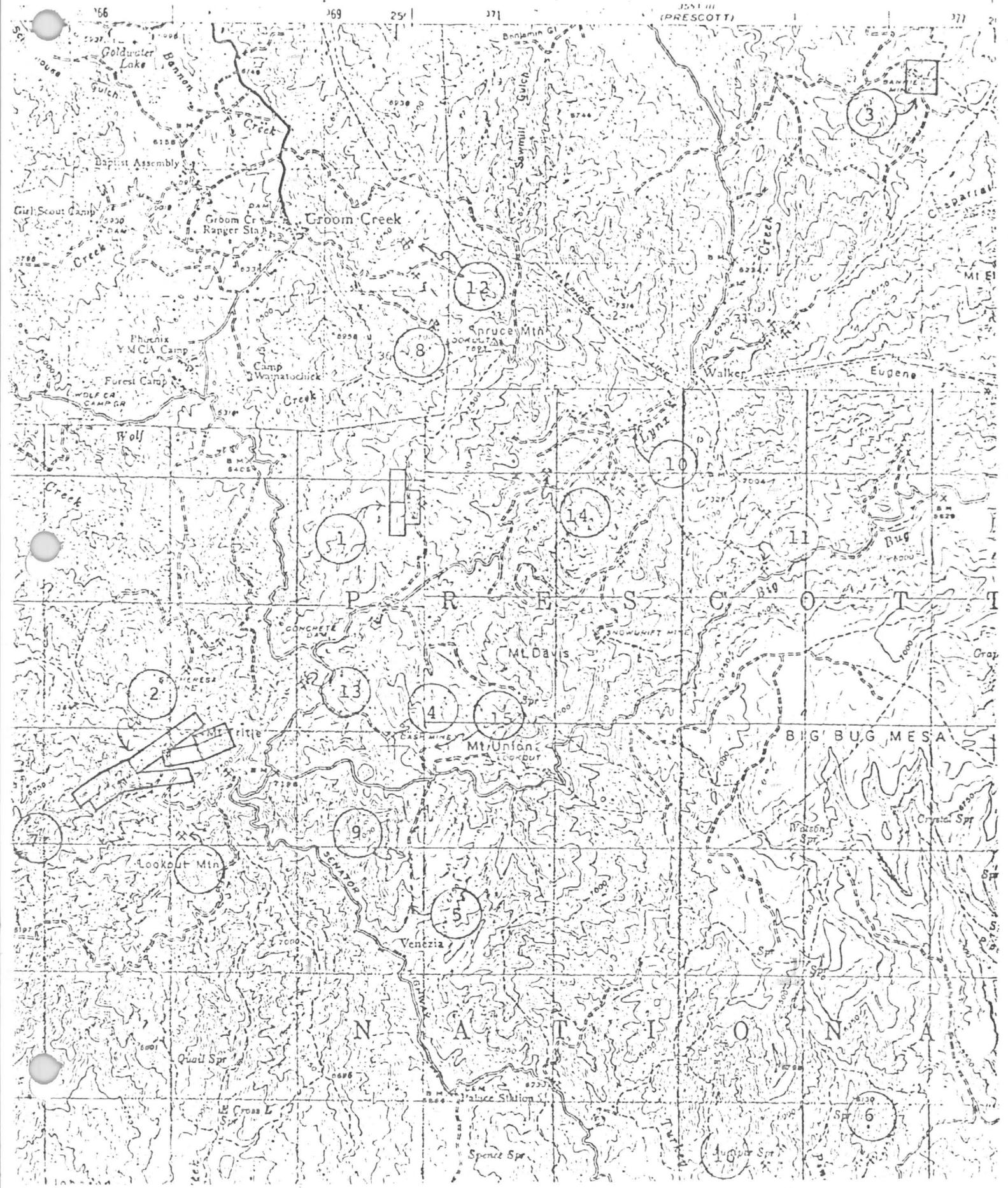


EXHIBIT "B"

MINES WITH RECORDED PRODUCTION IN THE VICINITY OF THE  
BANNIE, TRANSCENDENT AND THE DAVIS-DUNKIRK MINES

MINERAL ECONOMICS CORPORATION

January 27, 1981

Reference No.	Mine	\$ Base Metals	*\$ Gold	*\$ Silver	\$ Total
1	TRANSCENDENT				
2	DAVIS-DUNKIRK		150,000	50,000	200,000
3	BANNIE				
4	Cash		200,000		200,000
5	Crook**	50,000	375,000	25,000	450,000
6	Cumberland (included in Turkey Creek District Production)				
7	Dos Oris		20,000	200,000	220,000
8	Midnight Test		75,000	50,000	125,000
9	Mt. Union		125,000	25,000	150,000
10	Mudhole		450,000	50,000	500,000
11	Poland-Walker	50,000	300,000	400,000	750,000
12	King Kelly			15,000	15,000
13	Senator		500,000	30,000	530,000
14	Sheldon	535,000	270,000	270,000	1,075,000
15	Storm Cloud		75,000	25,000	100,000
16	Turkey Creek District				
		<u>10,979</u>	<u>16,626</u>	<u>67,500</u>	<u>95,105</u>
		\$676,979	\$2,556,626	\$1,207,500	\$4,435,105

\*These production figures were taken from Arizona Bureau of Mines Bulletin No. 140 "ARIZONA METAL PRODUCTION" published February 15, 1936, chronicling the metal production in Arizona from 1900 to 1934. The Copper produced prior to 1900 had an average value of 13.3¢ per pound, and that produced during 1900-1934, 16.2¢ per pound. The price for the period 1900-1934 was 6.2¢ per pound for Lead. Prior to 1933 the value of GOLD has been taken as \$20.671835 oz. In 1933 an average of 25.56 oz. has been used and in 1934, \$35 oz. The average price of SILVER for between 1858 & 1934 was 74.7¢ oz. The Silver yield prior to 1900 had an average value of 98.3% oz. and between 1900 & 1934 had averaged 66.4¢

The above figures using todays prices would total over Sixty Nine Million dollars (\$69,000,000.00)

\*\*Includes Starlight & Venezia

NOTE: The Turkey Creek District, which is the District that contains the Trinity, Franklin, Union and Kendall patented mining claims, produced approximately eighty (80) ounces of silver to one (1) ounce of Gold.

**DEKALB Mining, Inc.**

MEMO TO: J. B. Imswiler  
FROM: G. A. Parkison  
SUBJECT: Whipkey Submittal

DATE: June 15, 1981

INTRODUCTION AND LOCATION

A submittal for Mr. Bill Whipkey (Grove, Oklahoma), dated February 27, 1981, was received by the Sparks office. The submittal is located in the Bradshaw Mountains area near Prescott, Arizona. Following continued discussions with Mr. Whipkey, I briefly visited the property on March 30, 1981. Observations and assays concerning the property during this visit provided encouragement for a more thorough examination which took place from April 16 through April 19, 1981. This latter examination was made by Gary A. Parkison and Karl M. Emanuel.

The property consists of four patented lode claims, the Franklin, Union, Kendall and Trinity, one patented millsite, the Trinity, and eight unpatented lode claims: the North Star, Silver Moon, Silver Star, Silver Bell, Keystone, Keystone #3, Keystone #4, and Keystone #5. These claims are located in Sec. 35, Yavapai County, Arizona. The area is within the Battle Flat 7 $\frac{1}{2}$  minute topographic map.

GEOLOGY

The most detailed published geologic map of the area is that by Anderson and Blacet (1972). Reconnaissance mapping by DEKALB, as shown on the attached 1:6000 map, substantiates the gross relations as portrayed on this published map.

The eastern part of the claim area is underlain by a somewhat gneissic medium to coarse-grained granodiorite or quartz monzonite. This rock has been mapped as the Precambrian Brady Butte Granodiorite by Anderson and Blacet (1972) and is mapped as mg on the claim map. The western part of the claim area is underlain by generally intermediate to felsic metavolcanic rocks, including a rather distinctive quartz-eye porphyry. These rocks are also all of Precambrian age and have been referred to as the Texas Gulch Formation by Anderson and Blacet (1972) and have been mapped as Mv on the claim map.

Small areas underlain by Tertiary(?) diabase and felsite dikes and Precambrian amphibolite have also been mapped.

The north-northeast trending contact between the Mg and Mv map units is probably a fault but with an unknown amount of movement. Foliation and/or bedding generally trends north-northeast and dips steeply west.

Generally east-west trending and steeply dipping quartz tourmaline veins cut all Precambrian rocks. These veins range up to three feet in width and are composed of white, massive "bull" quartz with up to a few percent black tourmaline. These veins are unmineralized and probably are related to a Precambrian metamorphic event.

Reconnaissance mapping of the claim area suggests that host or wall-rock lithology plays only a slight or subtle role in determining the type and tenor of vein mineralization. Virtually identical veins have been found in both the Mg and Mv rock units.

### MINERALIZATION

Mineralization on the Franklin-Union-Kendall-Trinity claim block is similar to that found in other areas and districts of the Bradshaw Mountains which has been well described by Lindgren (1926). All known mineralization on the claim block is associated with generally north-trending quartz-sulfide veins. The distribution trend and length of these veins is shown on the 1:6000 scale map.

Typically, the veins are composed of clear to milky white drusy and comb quartz associated with more massive generally medium-grained quartz. Most veins are associated with north-trending shear zones and some grade into sheared, silicified rock while others have sharp boundaries with wallrock. Most often the west or northwest side of a vein may be sheared.

While silicified rock bounding a vein may range up to several feet in width, the vein itself is generally only two to three inches wide. The thickest vein noted was 18 inches thick. Outcrops of veins are generally marked by a combination of sheared, silicified wallrock and occasionally distinct vein material. Along a given vein generally about one third of its length may be marked by "productive" quartz (drusy, comb quartz) while of this latter amount one half may have at least a trace of visible sulfide minerals. Therefore, along a given vein only about 1/6 of its total length may actually be of any economic value.

Ore mineralogy is quite simple and consists of the primary minerals galena, sphalerite with lesser amounts of tetrahedrite, chcopyrite and pyrite argentite, azurite, malachite and ruby silver minerals(?) which are fairly common secondary minerals. The sulfide minerals generally form discrete blebs or clots and only occasionally are massive aggregates found. Secondary minerals coat fractures and surfaces of vein material.

Ore minerals are found in erratic shoots or pods which generally are from 1 to 6 inches wide and traceable for not more than 20 feet along the vein. Typically the sulfide minerals form a core or streak surrounded by a few inches of barren quartz. Raise and shaft profiles suggest a vertical orientation of the shoots.

Whipkey Submittal  
G. A. Parkison  
6/15/81  
Page 3

Oxidation in the claim area is quite shallow, probably not more than 50 feet generally. Primary sulfide mineral could generally be seen at the surface of most veins although often associated with secondary minerals. Some masses of spongy galena and/or sphalerite were also noted. Inspection of underground workings generally fails to disclose any secondary minerals more than fifty feet from the surface.

#### GRADE

Sampling to date has shown that the veins are of value chiefly for their silver content. Gold values are negligible and base metal content is fairly low. While select samples have returned assays as high as 108 ounces per ton silver, the average is much lower. The following samples represent chip or grab samples obtained from most all the veins noted on the Whipkey submittal area. Sample localities are shown on the 1:6000 map and analyses were performed by EFCO Laboratories and Jacobs Assay Office, Tucson.

\*See attached sheet.

### ECONOMIC EVALUATION

As discussed earlier, the veins are generally quite narrow and "shooty". Generally all the metals are contained within the vein with little, if any, wallrock mineralization. Taking these observations into consideration when evaluating the results of the sampling show that:

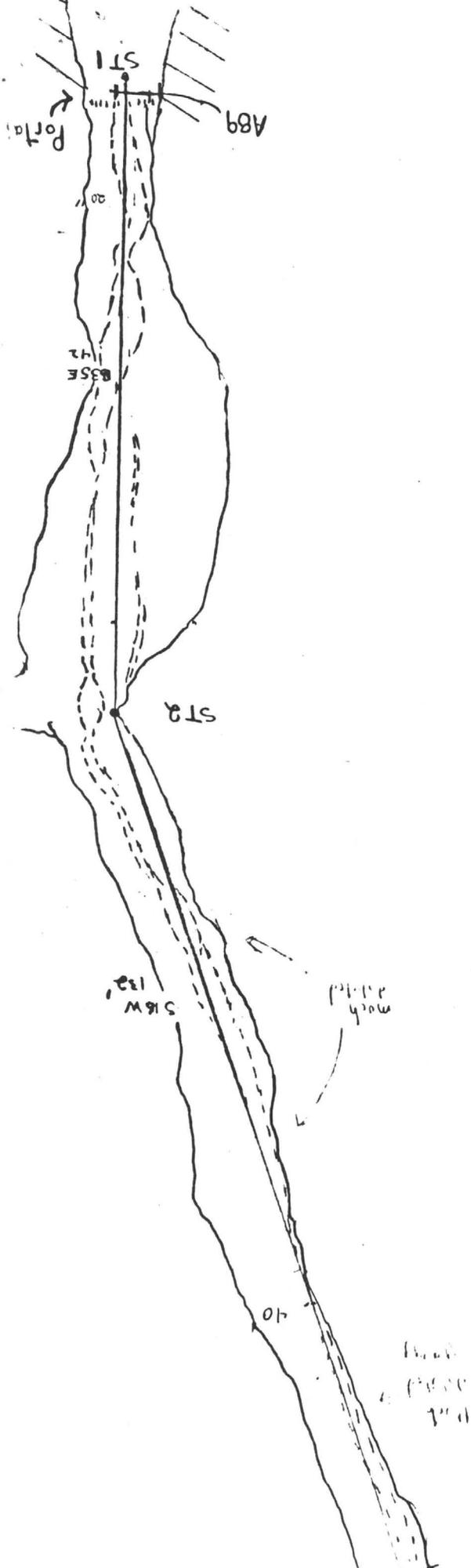
1. Averaging the sample widths to a five foot width (practical mining width) reduces even the highest samples to about 10 oz/t Ag with most being considerably less.
2. At best these values would represent only about one sixth of the total length along a typical vein, with the rest of the vein being practically barren.
3. The best assays ( 50 oz/t) are all of quite oxidized ore while the unoxidized ores are significantly lower ( 20 oz/t Ag) in silver content. The oxidized-unoxidized contact is probably everywhere less than 100 feet below the surface.
4. The base metal content of the veins (Cu, Pb, Zn) is generally never of significant economic interest and is always of lesser value than the Ag content.

Shoots of fairly rich oxidized and unoxidized ore exist on the property. Chances are good that other shoots can be discovered. However, their small size and apparent scarcity dictate that their exploration and exploitation not be undertaken by DEKALB.

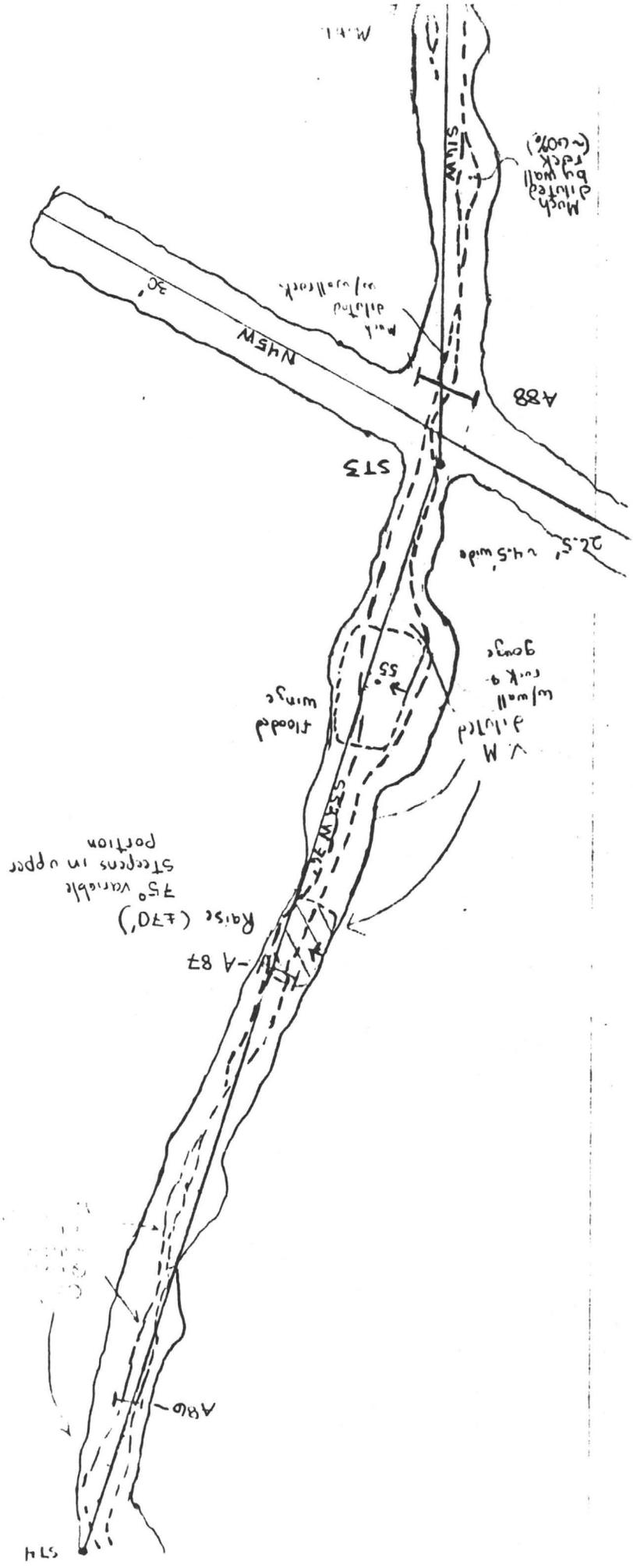
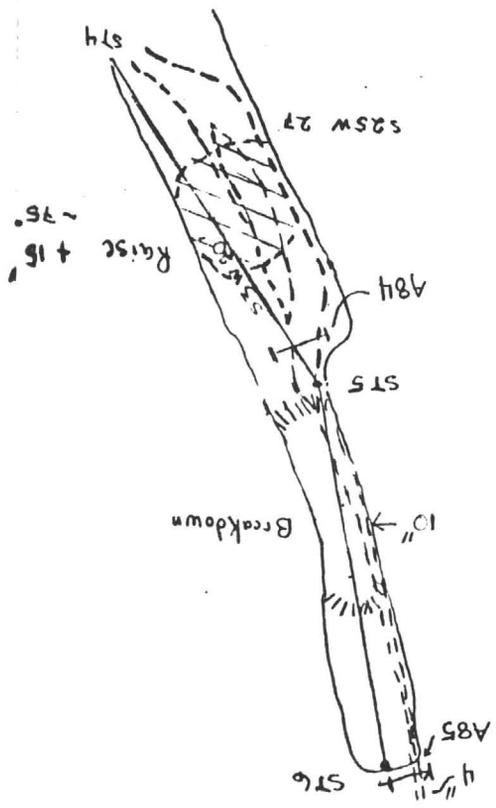
GAP:trg

<u>Sample #</u>	<u>Gold</u> (oz/ton)	<u>Silver</u> (oz/ton)	<u>Cu</u> (%)	<u>Pb</u> (%)	<u>Zn</u> (%)	<u>Comments</u>
A 84	trace	16.10	.086	.53	2.09	3' chip across 2 parallel veins--Franklin adit.
A 85	trace	.23	.005	.066	.072	2' chip across silicified zone--Franklin adit.
A 86	trace	18.80	.062	.74	1.14	1' chip across sulfide.
A 87	trace	1.34	.012	.088	.058	2 1/2' chip across silicified zone--Franklin adit.
A 88	trace	1.28	.010	.042	.095	3 1/2' chip across silicified zone--Franklin adit.
A 89	trace	1.81	.007	.046	.076	2 1/2' chip across silicified zone and 6" vein--portal, Franklin adit.
A 90	trace	6.97	.012	1.15	.032	1 1/2' chip across vein--opening, Union shaft.
A 91	trace	25.05	.21	4.30	4.70	Select grab and chip from 1 - 2" vein--mouth of Keystone # 5 claim.
A 92	trace	.99	.004	.037	.013	Grab from 4" vein--Keystone # 5 claim.
A 93	trace	.61	.003	.029	.023	1 1/2' chip across vein and altered wallrock--portal, Silver Star upper adit.
A 94	trace	5.80	.060	.86	.084	10" chip across vein--Silver Star upper adit.
A 95	.011	33.95	.21	.70	2.76	Grab and chip across 4" sulfide-rich vein--Kendall adit.
A 96	trace	2.60	.025	.12	.023	Representative dump grab sample, mostly wallrock--Kendall shaft.

A 97	trace	16.75	.25	.073	.024	Select grab from small "ore" pile--northern shaft--Keystone # 4 claim.
A 98	trace	19.05	.076	.37	.051	6" chip across eastern vein--Trinity claim.
A 99	trace	52.08	.35	.48	.071	1' chip across vein near portal, much CuOx.
A 100	trace	48.35	.52	1.36	.47	Composite chip sample across two 6" veins--about 200 north of Trinity shaft.
A 101	Trace	1.84	.012	.15	.37	Grab from 1" to 6" wide vein--about 500" east of A 92.



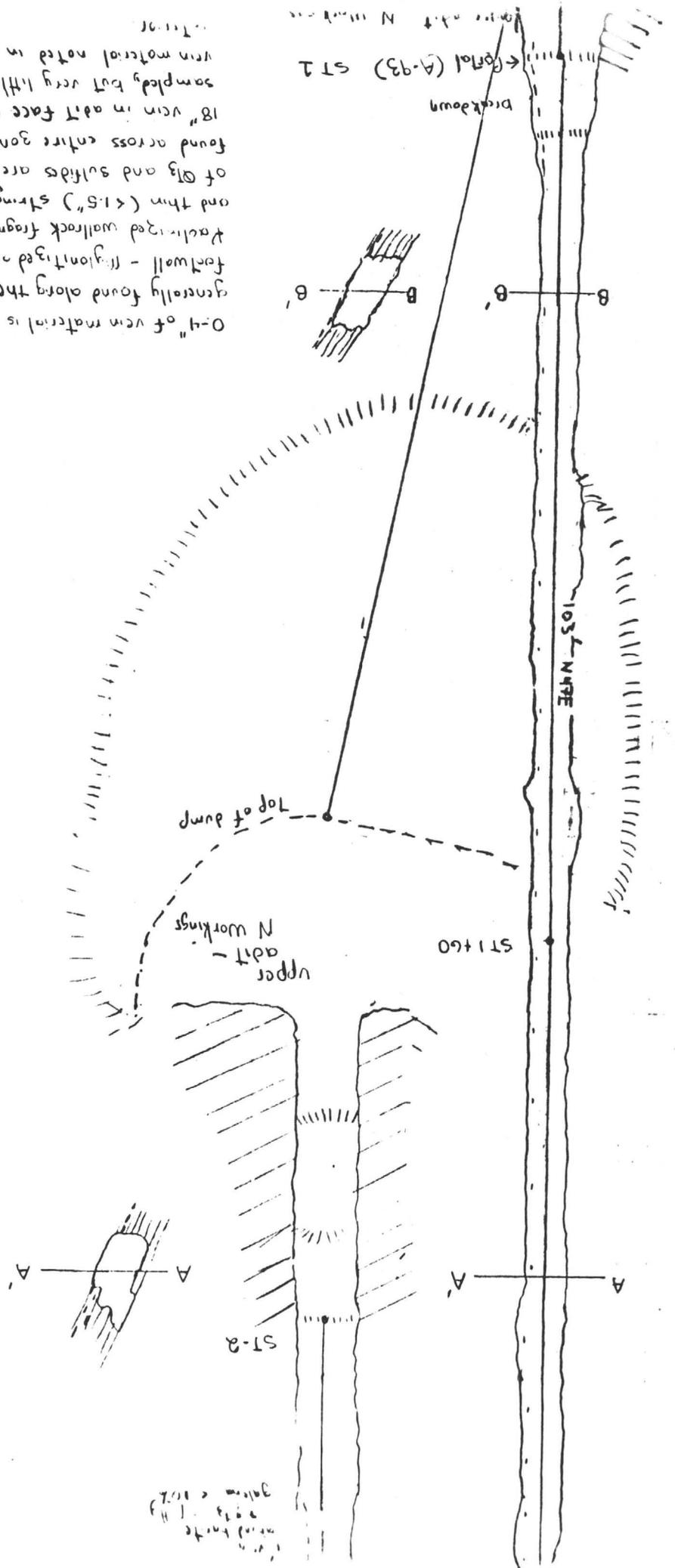
Scale: 10' = 1"



Silver Star Group.  
 (10ft)  
 Scale: 10' = 1"

2200' SOE of lower adit N workings, a caved adit N workings, a caved long is exposed on E side of road. A narrow vein is seen in working face (~3" wide on E wall of open cut. vein is localized by a 3-5' wide zone of shearing that is near vertical and trends N50W silicified zone is as much as 80" wide, but outside-8' seam is ~3" at widest. Seams comp of Q13 - barto - cc. Spongy galena, ff (?), CuOx chlorides? Stain, MnOx staining & edgy silver (or hem) along surfaces.

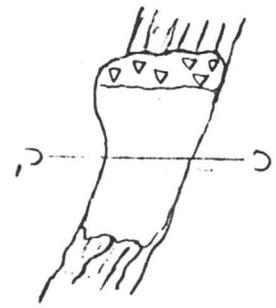
0-4" of vein material is generally found along the faultwall - (fractonitized and fractured wallrock fragments and thin (<1.5") stringers of Q13 and sulfides are found across entire zone 18" vein in adit face was sampled but very little. vein material noted in



mineral fragments  
 with  
 galena & CuOx

Silver Star Grc  
(5 of 2)

12" vein against footwall  
dominantly  $Si_3$ -barite  
~2% spangly galena (-3mm to 5mm)  
& minor ruby silver.



80" dominantly  $Si_3$  sulfides < 10%  
18" dilated by w.r.

20" quartz w/minor sulfides & barite (~20%)

12" quartz - local massive barite

20" quartz, ~2% sulfides & abundant MnO<sub>2</sub>  
wall rock dilution locally ~20%

Vein shears out - only minor  $Si_3$  sulfide  
ST 1+100 streak, generally under ~1/2" across  
zone is banded by MnO<sub>2</sub>

ST 1+20

(A94)  
ST 1+40

ST 1+60

ST 1+80

Vertical 4"  
dike in hanging wall cut off by vein - fissure  
can be seen  
streaked out  
along back  
all the way  
to the  
working face  
heavily  
altered

12C

GAP

# DEKALB Mining, Inc.

MEMO TO: J. B. Imswiler  
FROM: G. A. Parkison  
SUBJECT: Whipkey Submittal

DATE: June 15, 1981

## INTRODUCTION AND LOCATION

A submittal for Mr. Bill Whipkey (Grove, Oklahoma), dated February 27, 1981, was received by the Sparks office. The submittal is located in the Bradshaw Mountains area near Prescott, Arizona. Following continued discussions with Mr. Whipkey, I briefly visited the property on March 30, 1981. Observations and assays concerning the property during this visit provided encouragement for a more thorough examination which took place from April 16 through April 19, 1981. This latter examination was made by Gary A. Parkison and Karl M. Emanuel.

The property consists of four patented lode claims, the Franklin, Union, Kendall and Trinity, one patented millsite, the Trinity, and eight unpatented lode claims: the North Star, Silver Moon, Silver Star, Silver Bell, Keystone, Keystone #3, Keystone #4, and Keystone #5. These claims are located in Sec. 35, Yavapai County, Arizona. The area is within the Battle Flat 7 1/2 minute topographic map.

## GEOLOGY

The most detailed published geologic map of the area is that by Anderson and Blacet (1972). Reconnaissance mapping by DEKALB, as shown on the attached 1:6000 map, substantiates the gross relations as portrayed on this published map.

The eastern part of the claim area is underlain by a somewhat gneissic medium to coarse-grained granodiorite or quartz monzonite. This rock has been mapped as the Precambrian Brady Butte Granodiorite by Anderson and Blacet (1972) and is mapped as mg on the claim map. The western part of the claim area is underlain by generally intermediate to felsic metavolcanic rocks, including a rather distinctive quartz-eye porphyry. These rocks are also all of Precambrian age and have been referred to as the Texas Gulch Formation by Anderson and Blacet (1972) and have been mapped as Mv on the claim map.

Small areas underlain by Tertiary(?) diabase and felsite dikes and Precambrian amphibolite have also been mapped.

The north-northeast trending contact between the Mg and Mv map units is probably a fault but with an unknown amount of movement. Foliation and/or bedding generally trends north-northeast and dips steeply west.

Generally east-west trending and steeply dipping quartz tourmaline veins cut all Precambrian rocks. These veins range up to three feet in width and are composed of white, massive "bull" quartz with up to a few percent black tourmaline. These veins are unmineralized and probably are related to a Precambrian metamorphic event.

Reconnaissance mapping of the claim area suggests that host or wall-rock lithology plays only a slight or subtle role in determining the type and tenor of vein mineralization. Virtually identical veins have been found in both the Mg and Mv rock units.

### MINERALIZATION

Mineralization on the Franklin-Union-Kendall-Trinity claim block is similar to that found in other areas and districts of the Bradshaw Mountains which has been well described by Lindgren (1926). All known mineralization on the claim block is associated with generally north-trending quartz-sulfide veins. The distribution trend and length of these veins is shown on the 1:6000 scale map.

Typically, the veins are composed of clear to milky white drusy and comb quartz associated with more massive generally medium-grained quartz. Most veins are associated with north-trending shear zones and some grade into sheared, silicified rock while others have sharp boundaries with wallrock. Most often the west or northwest side of a vein may be sheared.

While silicified rock bounding a vein may range up to several feet in width, the vein itself is generally only two to three inches wide. The thickest vein noted was 18 inches thick. Outcrops of veins are generally marked by a combination of sheared, silicified wallrock and occasionally distinct vein material. Along a given vein generally about one third of its length may be marked by "productive" quartz (drusy, comb quartz) while of this latter amount one half may have at least a trace of visible sulfide minerals. Therefore, along a given vein only about 1/6 of its total length may actually be of any economic value.

Ore mineralogy is quite simple and consists of the primary minerals galena, sphalerite with lesser amounts of tetrahedrite, chcopyrite and pyrite argentite, azurite, malachite and ruby silver minerals(?) which are fairly common secondary minerals. The sulfide minerals generally form discrete blebs or clots and only occasionally are massive aggregates found. Secondary minerals coat fractures and surfaces of vein material.

Ore minerals are found in erratic shoots or pods which generally are from 1 to 6 inches wide and traceable for not more than 20 feet along the vein. Typically the sulfide minerals form a core or streak surrounded by a few inches of barren quartz. Raise and shaft profiles suggest a vertical orientation of the shoots.

Whipkey Submittal  
G. A. Parkison  
6/15/81  
Page 3

Oxidation in the claim area is quite shallow, probably not more than 50 feet generally. Primary sulfide mineral could generally be seen at the surface of most veins although often associated with secondary minerals. Some masses of spongy galena and/or sphalerite were also noted. Inspection of underground workings generally fails to disclose any secondary mineral more than fifty feet from the surface.

#### GRADE

Sampling to date has shown that the veins are of value chiefly for their silver content. Gold values are negligible and base metal content is fairly low. While select samples have returned assays as high as 108 ounces per ton silver, the average is much lower. The following samples represent chip or grab samples obtained from most all the veins noted on the Whipkey submittal area. Sample localities are shown on the 1:6000 map and analyses were performed by EFCO Laboratories and Jacobs Assay Office, Tucson.

\*See attached sheet.

### ECONOMIC EVALUATION

As discussed earlier, the veins are generally quite narrow and "shooty". Generally all the metals are contained within the vein with little, if any, wallrock mineralization. Taking these observations into consideration when evaluating the results of the sampling show that:

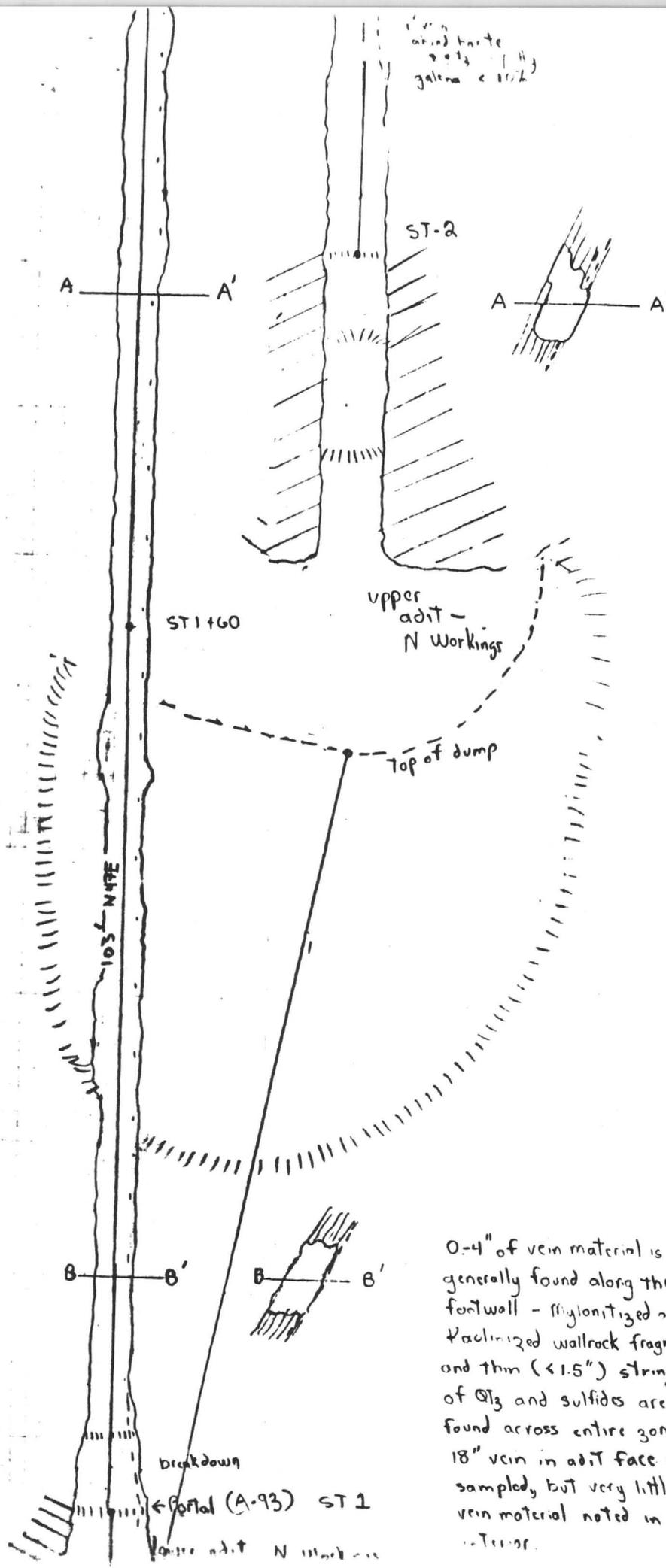
1. Averaging the sample widths to a five foot width (practical mining width) reduces even the highest samples to about 10 oz/t Ag with most being considerably less.
2. At best these values would represent only about one sixth of the total length along a typical vein, with the rest of the vein being practically barren.
3. The best assays ( 50 oz/t) are all of quite oxidized ore while the unoxidized ores are significantly lower ( 20 oz/t Ag) in silver content. The oxidized-unoxidized contact is probably everywhere less than 100 feet below the surface.
4. The base metal content of the veins (Cu, Pb, Zn) is generally never of significant economic interest and is always of lesser value than the Ag content.

Shoots of fairly rich oxidized and unoxidized ore exist on the property. Chances are good that other shoots can be discovered. However, their small size and apparent scarcity dictate that their exploration and exploitation not be undertaken by DEKALB.

GAP:trg

<u>Sample #</u>	<u>Gold</u> (oz/ton)	<u>Silver</u> (oz/ton)	<u>Cu</u> (%)	<u>Pb</u> (%)	<u>Zn</u> (%)	<u>Comments</u>
A 84	trace	16.10	.086	.53	2.09	3' chip across 2 parallel veins--Franklin adit.
A 85	trace	.23	.005	.066	.072	2' chip across silicified zone--Franklin adit.
A 86	trace	18.80	.062	.74	1.14	1' chip across sulfide.
A 87	trace	1.34	.012	.088	.058	2 1/2' chip across silicified zone--Franklin adit.
A 88	trace	1.28	.010	.042	.095	3 1/2' chip across silicified zone--Franklin adit.
A 89	trace	1.81	.007	.046	.076	2 1/2' chip across silicified zone and 6" vein--portal, Franklin adit.
A 90	trace	6.97	.012	1.15	.032	1 1/2' chip across vein--opening, Union shaft.
A 91	trace	25.05	.21	4.30	4.70	Select grab and chip from 1 - 2" vein--mouth of Keystone # 5 claim.
A 92	trace	.99	.004	.037	.013	Grab from 4" vein--Keystone # 5 claim.
A 93	trace	.61	.003	.029	.023	1 1/2' chip across vein and altered wallrock--portal, Silver Star upper adit.
A 94	trace	5.80	.060	.86	.084	10" chip across vein--Silver Star upper adit.
A 95	.011	33.95	.21	.70	2.76	Grab and chip across 4" sulfide-rich vein--Kendall adit.
A 96	trace	2.60	.025	.12	.023	Representative dump grab sample, mostly wallrock--Kendall shaft.

A 97	trace	16.75	.25	.073	.024	Select grab from small "ore" pile--northern shaft--Keystone # 4 claim.
A 98	trace	19.05	.076	.37	.051	6" chip across eastern vein--Trinity claim.
A 99	trace	52.08	.35	.48	.071	1' chip across vein near portal, much CuOx.
A 100	trace	48.35	.52	1.36	.47	Composite chip sample across two 6" veins--about 200 north of Trinity shaft.
A 101	Trace	1.84	.012	.15	.37	Grab from 1" to 6" wide vein--about 500" east of A 92.



~200' S30E of lower adit N Workings, a caved adit (S. Workings) ~30' long is exposed on E side of road. a narrow vein is seen in working face (~3" wide on E wall of open cut.

vein is localized by a 3-5' wide zone of shearing that is near vertical and trends N15V. silicified zone is as much as 80" wide, but sulfide-gly seam is ~3" at widest. Seam is comp of  $SiO_2$  - barite -  $Ca$  - spongy galena,  $Pb$  (?),  $CuOx$  chlorides? stain,  $MnOx$  staining & silby silver (or hem) along surfaces.

0-4" of vein material is generally found along the footwall - silicitized and kaolinized wallrock fragments and thin (<1.5") stringers of  $SiO_2$  and sulfides are found across entire zone. 18" vein in adit face was sampled, but very little vein material noted in - - - - -

Silver Star Group.  
(1 of 2)  
Scale: 10' = 1"

Vertical 4" dike in hanging wall cut off by vein - pieces can be seen skinned out along back all the way to the working face heavily altered

Vein shears out - only minor  $\text{Pb}$  & sulfide streak, generally under  $\sim 1/2$ " across zone is banded by  $\text{MnOx}$

ST 1+100

ST 1+80

20" quartz,  $\sim 7\%$  sulfides & abund  $\text{MnOx}$ 's wall rock dilution locally  $\sim 20\%$

12" quartz - local massive barite

ST 1460

20" quartz w/minor sulfides & barite ( $\sim 20\%$ )

20" dominantly  $\text{Pb}$  sulfides  $< 1\%$

$< 18$ " diluted by w.r.

(A94) ST 1440

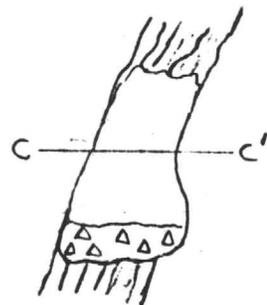
Rare 8' high

$< 12$ " thick

X Ruby Silver?

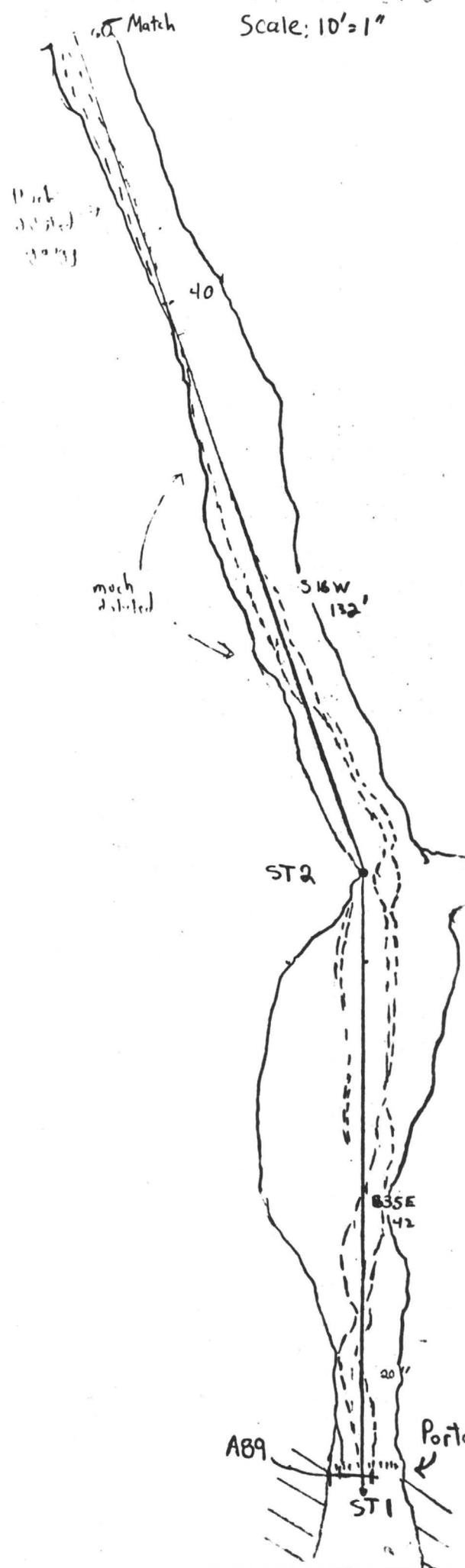
12" vein against footwall dominantly  $\text{Pb}$  - barite  $\sim 2\%$  spongy galena ( $\sim 3\text{mm} \rightarrow 5\text{cm}$ ) + minor ruby silver.

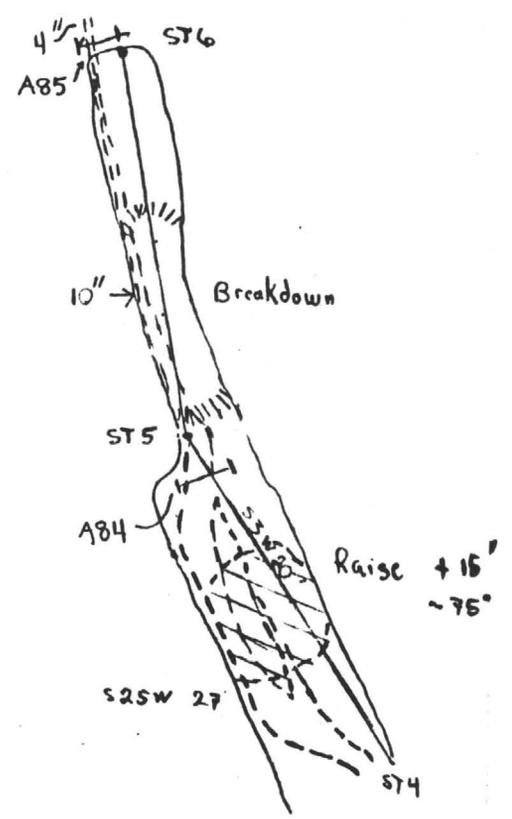
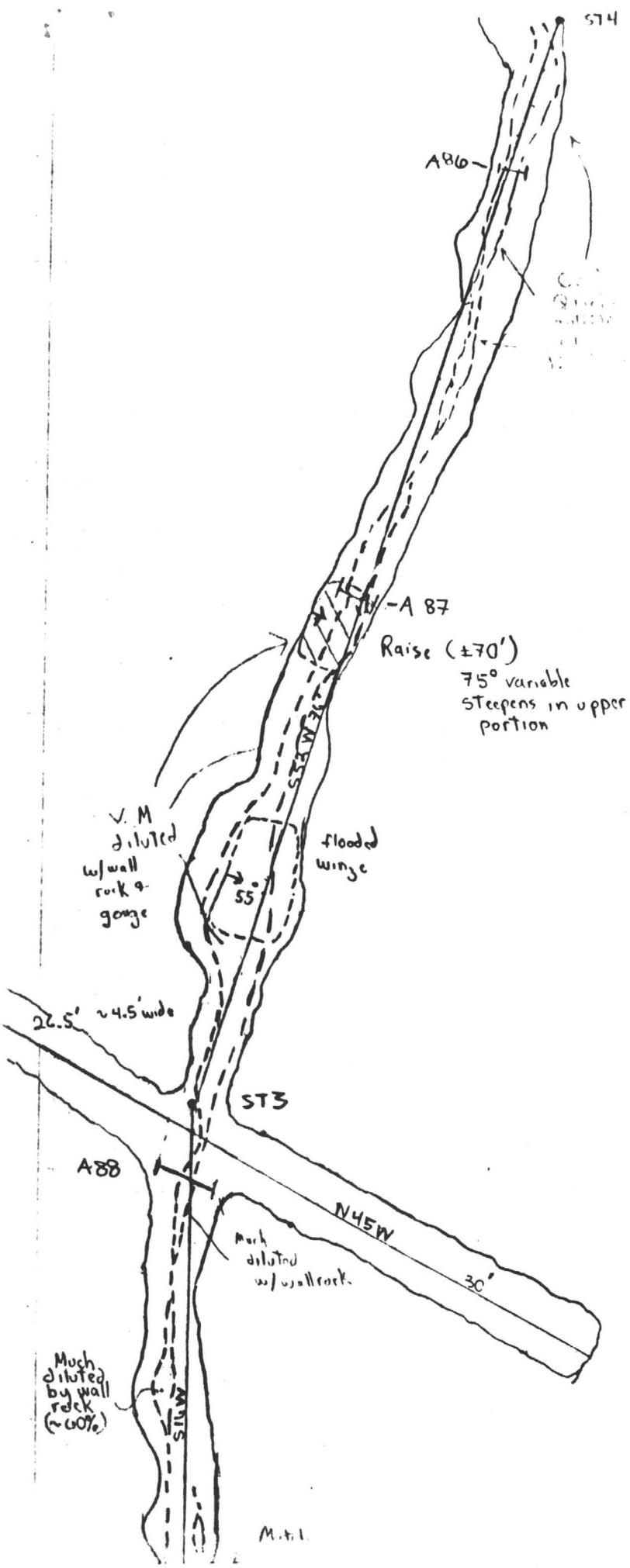
ST 1420



Silver Star Gr  
(2 of 2)

Scale: 10' = 1"





*property file*



## **DEKALB Mining, Inc.**

June 25, 1981

Mr. Bill Whipkey  
P.O. Box 549  
Grove, Oklahoma 74344

Dear Bill:

Enclosed please find a copy of Gary's report on your property in the Bradshaw Mountains of northern Arizona. It is rather straight forward and self explanatory.

In reference to our conversation regarding the possibility of "poor boying" a small operation, I think it would be extremely risky.

If I can be of any further assistance, please call me.

Sincerely,

DEKALB Mining, Inc.

J. Bruce Imswiler  
Exploration Manager

JBI:smp

Enclosure

prop. file  
JAI

## DEKALB Mining, Inc.

MEMOTO: J. B. Imswiler  
FROM: G. A. Parkison  
SUBJECT: Whipkey Submittal

DATE: June 15, 1981

### INTRODUCTION AND LOCATION

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Whipkey Submittal  
G. A. Parkison  
6/15/81  
Page 2

Generally east-west trending and steeply dipping quartz tourmaline veins cut all Precambrian rocks. These veins range up to three feet in width and are composed of white, massive "bull" quartz with up to a few percent black tourmaline. These veins are unmineralized and probably are related to a Precambrian metamorphic event.

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Ore minerals are found in erratic shoots or pods which generally are from 1 to 6 inches wide and traceable for not more than 20 feet along the vein. Typically the sulfide minerals form a core or streak surrounded by a few inches of barren quartz. Raise and shaft profiles suggest a vertical orientation of the shoots.

Whipkey Submittal  
G. A. Parkison  
6/15/81  
Page 3

Oxidation in the claim area is quite shallow, probably not more than 50 feet generally. Primary sulfide mineral could generally be seen at the surface of most veins although often associated with secondary minerals. Some masses of spongy galena and/or sphalerite were also noted. Inspection of underground workings generally fails to disclose any secondary minerals more than fifty feet from the surface.

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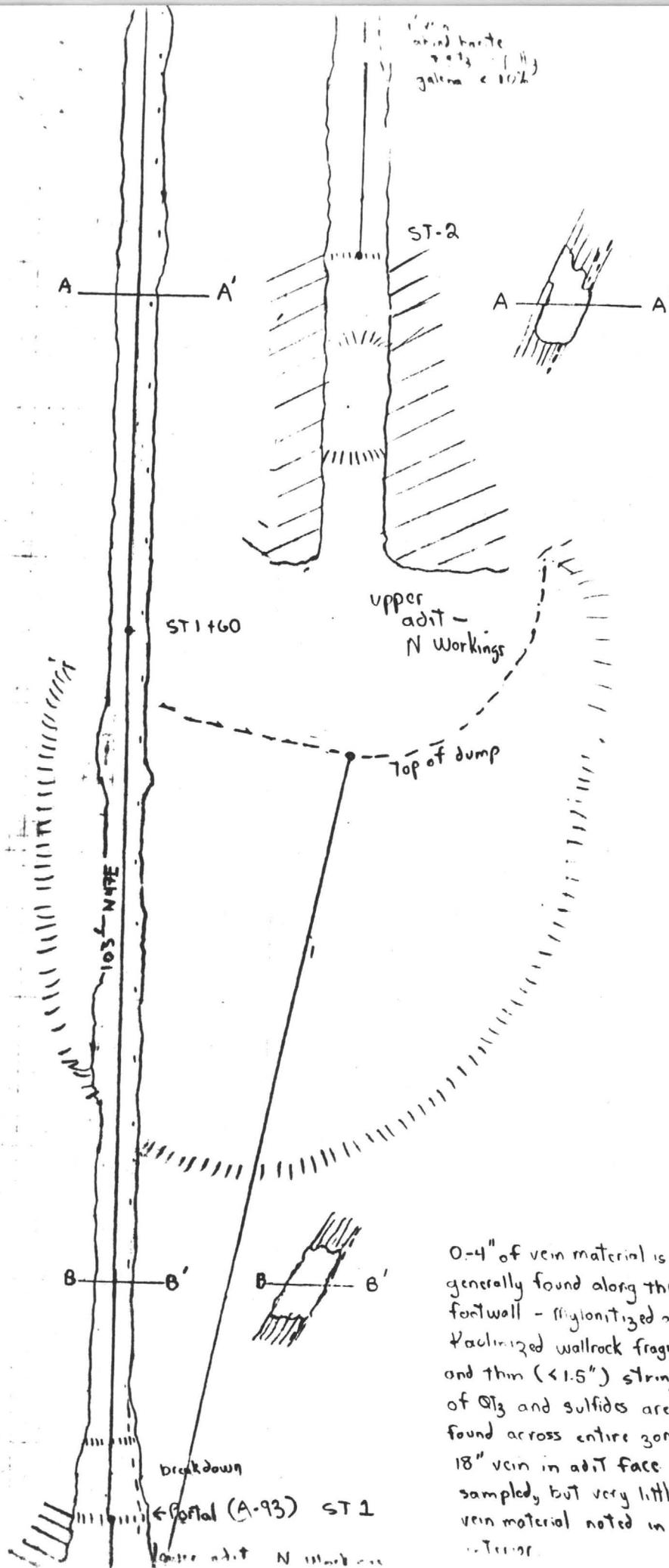
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GAP:trg

<u>Sample #</u>	<u>Gold</u> (oz/ton)	<u>Silver</u> (oz/ton)	<u>Cu</u> (%)	<u>Pb</u> (%)	<u>Zn</u> (%)	<u>Comments</u>
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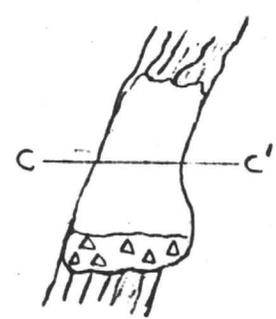
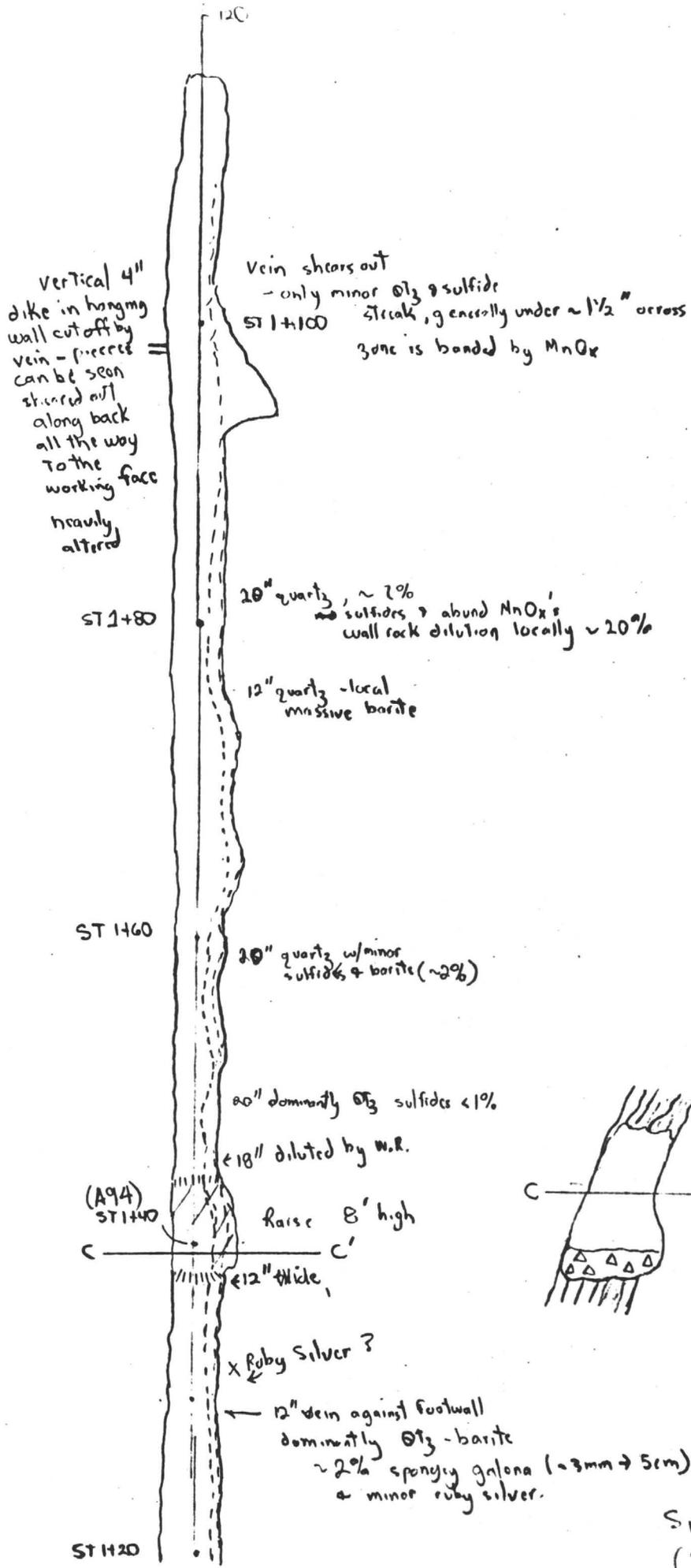


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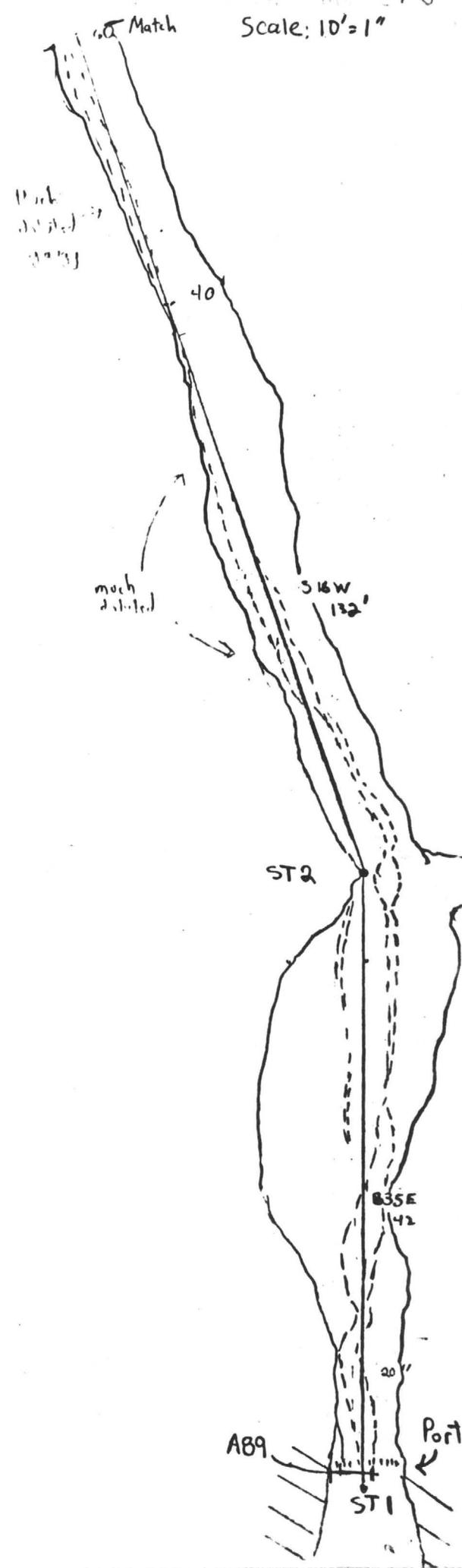
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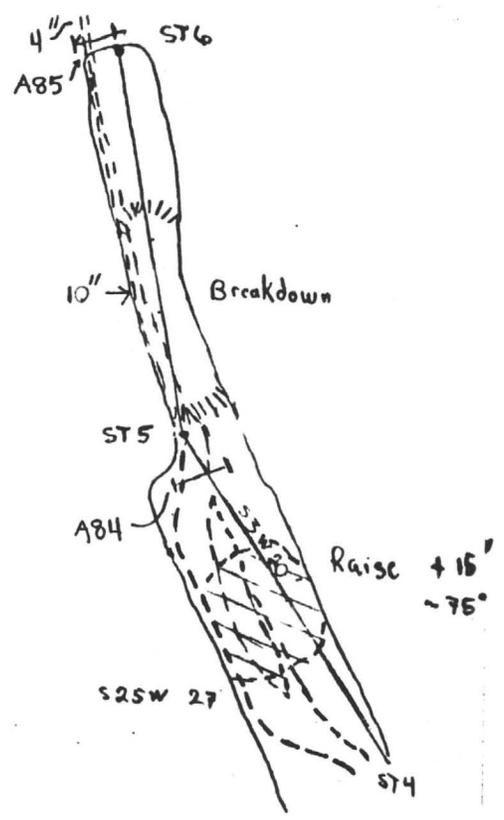
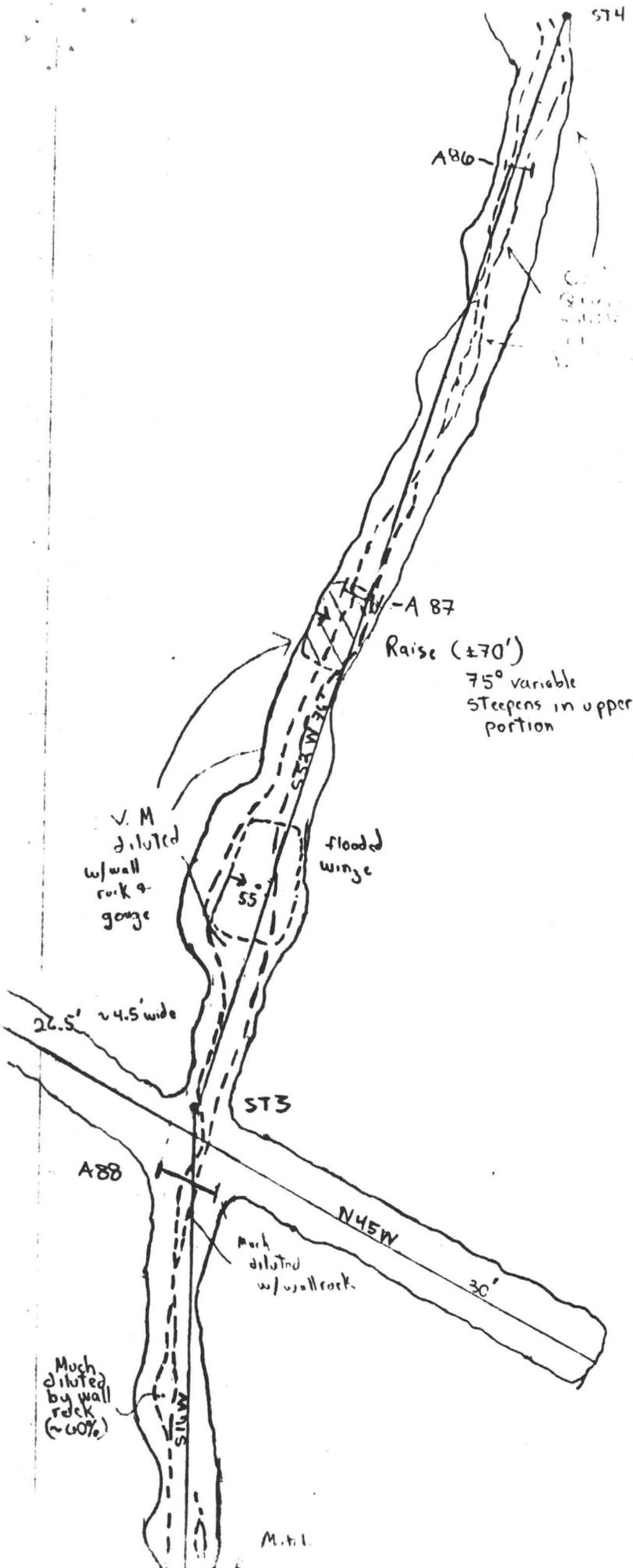
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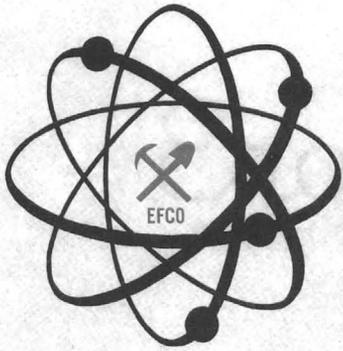
Silver Star Group.  
(1 of 2)  
Scale: 10' = 1"



Silver Star Gr.  
(2 of 2)







Whiskey Submittal  
Turkey Creek Men. Des.  
Yavapai Co. Az

RECEIVED JUN 03 1981

EFCO LABORATORIES

2819 W. Ruthrauf Road

P. O. Box 5526

TUCSON, ARIZONA 85703

Phone (602) 887-4241

**SUPPLEMENTAL REPORT**  
**Laboratory Analysis Report**

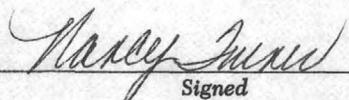
DEPCO, Inc.  
390 Freeport Blvd, Suite 12  
Sparks, Nevada 89431

Gary Parkison

REPORT NO. 810612  
DATE SUBMITTED 4/24/81  
DATE REPORTED 6/1/81

<u>Sample Number</u>	<u>oz/ton Gold</u>	<u>oz/ton Silver</u>
A- 84	trace	16.10
86	trace	18.80
91	trace	25.05
95	0.011	33.95
97	trace	16.75
98	trace	19.05
99	trace	52.80
100	trace	48.35

Data as per Jacobs Assay Office.

  
Signed

Whiskey Flie. Arizona

Turkey Creek Mining Dist.

BILL WHIPKEY - GEORGE OKEN ~~MANAGER~~  
(918) - 786 - 4222

ANDREW ANAPOL (PROMOTER)  
(213) - 553 - 1422

ICNUTE PETERSON (METALLURGIST)  
(602) 991 - 5242

BILL PETERSON (PROPERTY OWNER)  
(602) - 632 - 7105



Whiskey Submittal property file  
 Yavapai Co., Arizona

**EFCO LABORATORIES**  
 2819 W. Ruthrauf Road P. O. Box 5526  
 TUCSON, ARIZONA 85703  
 Phone (602) 887-4241

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 390 Freeport Blvd. Suite 12  
 Sparks, Nevada 89431

REPORT NO. 810612

DATE SUBMITTED 4/24/81

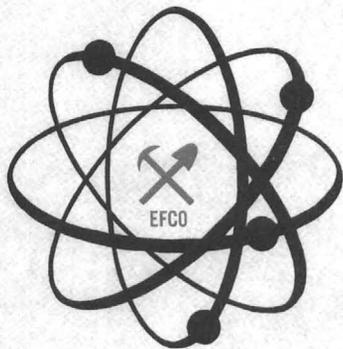
DATE REPORTED 5/4/81

Gary Parkison

Sample No.	PPM Copper	% Copper	PPM Lead	% Lead	PPM Zinc	% Zinc	PPM Silver	PPM Gold
A- 84	860		+1000	0.53	+1000	2.09	*	<0.10
85	48		662		715		7.8.23	<0.10
86	620		+1000	0.74	+1000	1.14	*	<0.10
87	116		883		583		46. 1.34	<0.10
88	98		421		945		44. 1.28	<0.10
89	72		461		756		62. 1.81	<0.10
90	117		+1000	1.15	321		239. 6.97	<0.10
91	+1000	0.21	+1000	4.30	+1000	4.70	*	<0.10
92	42		374		130		34. 99	<0.10
93q	33		293		228		21. 61	<0.10
94	600		+1000	0.86	843		199. 5.80	<0.10
95	+1000	0.21	+1000	0.70	+1000	2.76	*	<0.10
96	251		+1000	0.12	226		89. 2.60	<0.10
97	+1000	0.25	733		243		*	<0.10
98	760		+1000	0.37	509		*	<0.10
99	+1000	0.35	+1000	0.48	713		*	<0.10
100	+1000	0.52	+1000	1.36	+1000	0.47	*	<0.10
* 225	122		+1000	0.15	+1000	0.37	63. 1.84	<0.10
101								

\* Sent to Jacobs Assay Office for fire assay.

*Nancy Jones*  
 Signed



*Whiskey Submitted*  
*Yavapai Co. Ar.*

*Prop. fill*

EFCO LABORATORIES

2819 W. Ruthrauf Road

TUCSON, ARIZONA 85703

Phone (602) 887-4241

P. O. Box 5526



SUPPLEMENTAL REPORT  
Laboratory Analysis Report

DEPCO, Inc.  
390 Freeport Blvd. Suite 12  
Sparks, Nevada 89431

Gary Parkison

REPORT NO. 810612

DATE SUBMITTED 4/24/81

DATE REPORTED 6/1/81

<u>Sample Number</u>	<u>oz/ton Gold</u>	<u>oz/ton Silver</u>
A- 84	trace	16.10
86	trace	18.80
91	trace	25.05
95	0.011	33.95
97	trace	16.75
98	trace	19.05
99	trace	52.80
100	trace	48.35

Data as per Jacobs Assay Office.

*Nancy J. ...*  
Signed

# DEPCO, Inc.

## MINERALS DIVISION

April 3, 1981

Mr. Bill Whipkey  
P.O. Box 549  
Grove, Oklahoma 74344

*Please re-write this  
if that is what needs  
to be done. \**

Dear Bill:

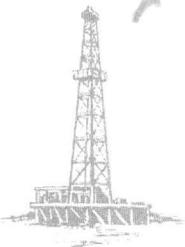
This is in reference to our conversation of this date regarding the two groups of mining claims controlled by Mr. W. L. Petersen in the Turkey Creek Mining District, Yavapai County, Arizona. A list of these claims is attached to this letter.

It is my understanding that these claims are in good standing and are in the control of Mr. Petersen without any liens or encumbrances.

DEKALB Mining, Inc. would like to negotiate an option to purchase these claims for a total of \$450,000 with a residual 5% Net Smelter Return royalty. We propose a ninety-day examination period during which time no payments will be made on the property. Prior to the expiration of this ninety-day examination period, DEKALB would either notify you and/or Mr. Petersen of no further interest in the property and terminate the option, or DEKALB would make a down payment to further secure the option for an additional six months exploration period. I suggest that this down payment be on the order of approximately \$5,000. Following this six-month exploration period, DEKALB would have the choice of dropping the option or renewing it on an annual basis through a graduated payment schedule. I would propose a schedule somewhat along the following lines:

Down payment for six months-----	\$ 5,000
Beginning of 1st full year-----	\$ 6,000
Beginning of 2nd full year-----	\$ 8,000
Beginning of 3rd full year-----	\$ 12,000
Beginning of 4th full year-----	\$ 24,000
Beginning of 5th full year-----	\$ 48,000
Beginning of 6th full year-----	\$ 96,000
Beginning of 7th full year-----	\$ 96,000
Beginning of 8th full year-----	\$ 96,000
Beginning of 9th full year-----	\$ 59,000
	<u>\$450,000</u>

*\* Gary said we may want to wait a few more days until all assays are in.*



Mr. Bill Whipkey  
April 3, 1981  
Page 2

The aforementioned payments shall be advance royalty and shall constitute prepayment of, and advance against, production royalty hereunder. Optionee may recover all advance royalty by crediting it against and in reduction of production royalty becoming due at any time until all advance royalty has been recovered by Optionee.

I will be happy to further discuss the above preliminary proposals with you after you have had a chance to review and consider them.

Sincerely,

DEKALB Mining, Inc.

J. Bruce Imswiler  
Exploration Manager

JBI:mg

Trinity, Kendall, Union, Franklin Mines

Location & Description: This mining property is located in Sections 2, 3, 10 & 11, Township 11 North, Range 1 West, and extending north into Section 35, Township 12 North, Range 1 West. It consists of four (4) patented (20-acre) lode mining claims, one (1) patented (5-acre) millsite and eight (8) unpatented (20-acre) lode mining claims as described below:

<u>Name of Patented Claim or Millsite</u>	<u>Mineral Survey Number</u>	<u>Date Surveyed for Patent</u>
Trinity, mining claim	179	5-21-1880
Trinity, millsite	180	5-21-1880
Kendall, mining claim	427	10-01-1882
Union, mining claim	429	10-19-1882
Franklin, mining claim	430	10-20-1882

<u>Name of Unpatented Mining Claim</u>	<u>Name of Locator(s)</u>	<u>Date of Location</u>	<u>County: Book Page</u>	<u>BLM: Serial Nos.</u>
Silver Star	Robert Rippey, Alvin Reeves & W. L. Petersen	3-04-78	1201 314	A MC 37589
Silver Moon	Eugene Swenson & Helen Swenson	4-07-79	1209 612	A MC 40897
Keystone	Murlyn Carling	9-10-79	1247 302	A MC 74424
Keystone No. 3	Carney Nuzzi, Quit Claimed to Merle Frampton	9-10-79	1327 791	A MC 74425
		9-17-80	1327 790	
Keystone No. 4	Robert Rippey, Alvin Reeves & W. L. Petersen	1-27-80	1289 819	A MC 101812
Silver Bell	Robert Rippey, Alvin Reeves & W. L. Petersen	1-27-80	1289 817	A MC 101813
North Star	Robert Rippey, Alvin Reeves & W. L. Petersen	1-27-80	1289 819	A MC 101812
Keystone No. 5	No records were found at the BLM regarding this claim. Location data is forthcoming.			

## Bill Whippley agreement

60 day examination period

My understanding that there is 5% NSR

\$300,000 bought on Franklin bank  
150,000 on Trinity mutuals etc.  
\$450,000 total.

plus 5% NSR

Dear Mr Whippley:

This is in reference to our conversation of Dec 20 & 21.  
2 groups of mining claims in the Turkey Creek  
Mining Dist, Nevada Co., Oregon, to wit:

Whipkey



BILL WHIPKEY

P. O. BOX 549

GROVE, OKLAHOMA 74344

(918) 786-4222  
2/24/81

Bruce Imswiler  
DEPCO Inc  
Sparks, Nev 89431

MR. Imswiler:

Enclosed is my report on the  
Prescott Silver Potential:  
we have looked at a number of  
Properties in this Area. This is  
by no question the Best that we  
have seen:

Please review soonest:

— Thanks.

Bill Whipkey

# **DEPCO, Inc.**

## **MINERALS DIVISION**

MEMO TO: G. A. Parkison

DATE: March 6, 1981

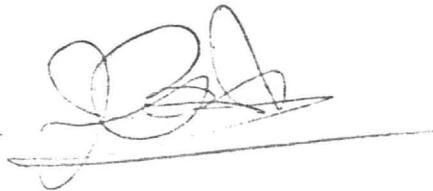
FROM: J. B. Imswiler

SUBJECT: Bill Whipkey Property Submittal in the Turkey Creek Mining District, Bradshaw Mountains, Yavapai County, Arizona

Enclosed is the report submitted by Bill Whipkey on the Turkey Creek Mining District in the Bradshaw Mountains, Yavapai County, Arizona. My impression is that there are two distinct sets of values: one represents secondarily enriched oxide silver minerals, i.e., those in the 20+ oz. range; the other probably represents primarily sulfide mineralization, i.e., those in the less than 1 oz. to 5 oz. range.

The apparent continuity, strength and length of the veins put this property in the position of warranting an on the ground examination. When sampling, if at all possible, try to get representative cuts across sulfide mineralization. This may be difficult due to poor sulfide exposure or lack of underground access. In lieu of this, combing the dump for sulfide samples might give us some indication as to the primary values.

If the weather is reasonable and you can coordinate with Whipkey, this next week you might try to get in an examination. Otherwise, you and I might try to visit this property following the Tucson-Albuquerque trip.





Property file: Whiskey Submittal  
Turkey Creek M.D.  
Yavapai Co., AZ

EFCO LABORATORIES

2819 W. Ruthrauf Road  
TUCSON, ARIZONA 85703  
Phone (602) 887-4241

P. O. Box 5526

JBI

Laboratory Analysis Report

DEPCO, Inc.  
390 Freeport Blvd. Suite 12  
Sparks, Nevada 89431

Gary Parkison

REPORT NO. 810612

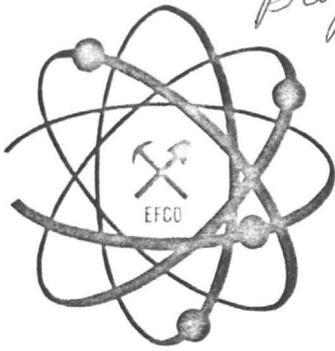
DATE SUBMITTED 4/24/81

DATE REPORTED 5/4/81

<u>Sample No.</u>	<u>PPM Copper</u>	<u>% Copper</u>	<u>PPM Lead</u>	<u>% Lead</u>	<u>PPM Zinc</u>	<u>% Zinc</u>	<u>PPM Silver</u>	<u>PPM Gold</u>
A- 84	860		+1000	0.53	+1000	2.09	*	<0.10
85	48		662		715		7.8	<0.10
86	620		+1000	0.74	+1000	1.14	*	<0.10
87	116		883		583		46.	<0.10
88	98		421		945		44.	<0.10
89	72		461		756		62.	<0.10
90	117		+1000	1.15	321		239.	<0.10
91	+1000	0.21	+1000	4.30	+1000	4.70	*	<0.10
92	42		374		130		34.	<0.10
93q	33		293		228		21.	<0.10
94	600		+1000	0.86	843		199.	<0.10
95	+1000	0.21	+1000	0.70	+1000	2.76	*	<0.10
96	251		+1000	0.12	226		89.	<0.10
97	+1000	0.25	733		243		*	<0.10
98	760		+1000	0.37	509		*	<0.10
99	+1000	0.35	+1000	0.48	713		*	<0.10
100	+1000	0.52	+1000	1.36	+1000	0.47	*	<0.10
X 225	122		+1000	0.15	+1000	0.37	63.	<0.10

\* Sent to Jacobs Assay Office for fire assay.

*Nancy Turner*  
Signed



Property file: *Whiskey submittal*  
*Yavapai Co., AZ*

*JBI*

EFCO LABORATORIES

2819 W. Ruthrauf Road

TUCSON, ARIZONA 85703

Phone (602) 887-4241

P. O. Box 5526

**SUPPLEMENTAL REPORT**  
**Laboratory Analysis Report**

DEPCO, Inc.  
390 Freeport Blvd. Suite 12  
Sparks, Nevada 89431

Gary Parkison

REPORT NO. 810541

DATE SUBMITTED 4/7/81

DATE REPORTED 4/16/81

<u>Sample Number</u>	<u>oz/ton Silver</u>
A - 81	107.65
A - 82	37.95
A - 83	31.30

*Nancy Turner D.R.*  
Signed



**Mineral Economics Corporation**  
Consulting Mining & Geological Engineers

AN ARIZONA

SILVER POTENTIAL

---

TRINITY-UNION-KENDALL-FRANKLIN

PATENTED MINING CLAIM UNIT

TUKF

---

RESPECTFULLY SUBMITTED



*Hale C. Tognoni*

HALE C. TOGNONI, P.E.

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## FORWARD

On January 5, 1980, in the company of Msr. Whipkey and Wilmoth (perspective buyers) and Bill Petersen, one of the owners, I, Hale C. Tognoni, P.E. (HCT) visited the Franklin, Union, Kendall and Trinity Patented Mining Claims in Turkey Creek Mining District, approximately eight miles southwest of Mayer, Arizona.

In the Turkey Creek District silver, gold and base metal sulphides occur in milky, locally vuggy, quartz gangue that fills fissure veins and is on contacts between schist and gneissic granite.

According to Lindgren<sup>1</sup> "Ruby silver, native silver and gold occur in the upper oxidized parts of the veins; galena, tetrahedrite and chalcopyrite carry gold and silver below the oxidized zone."

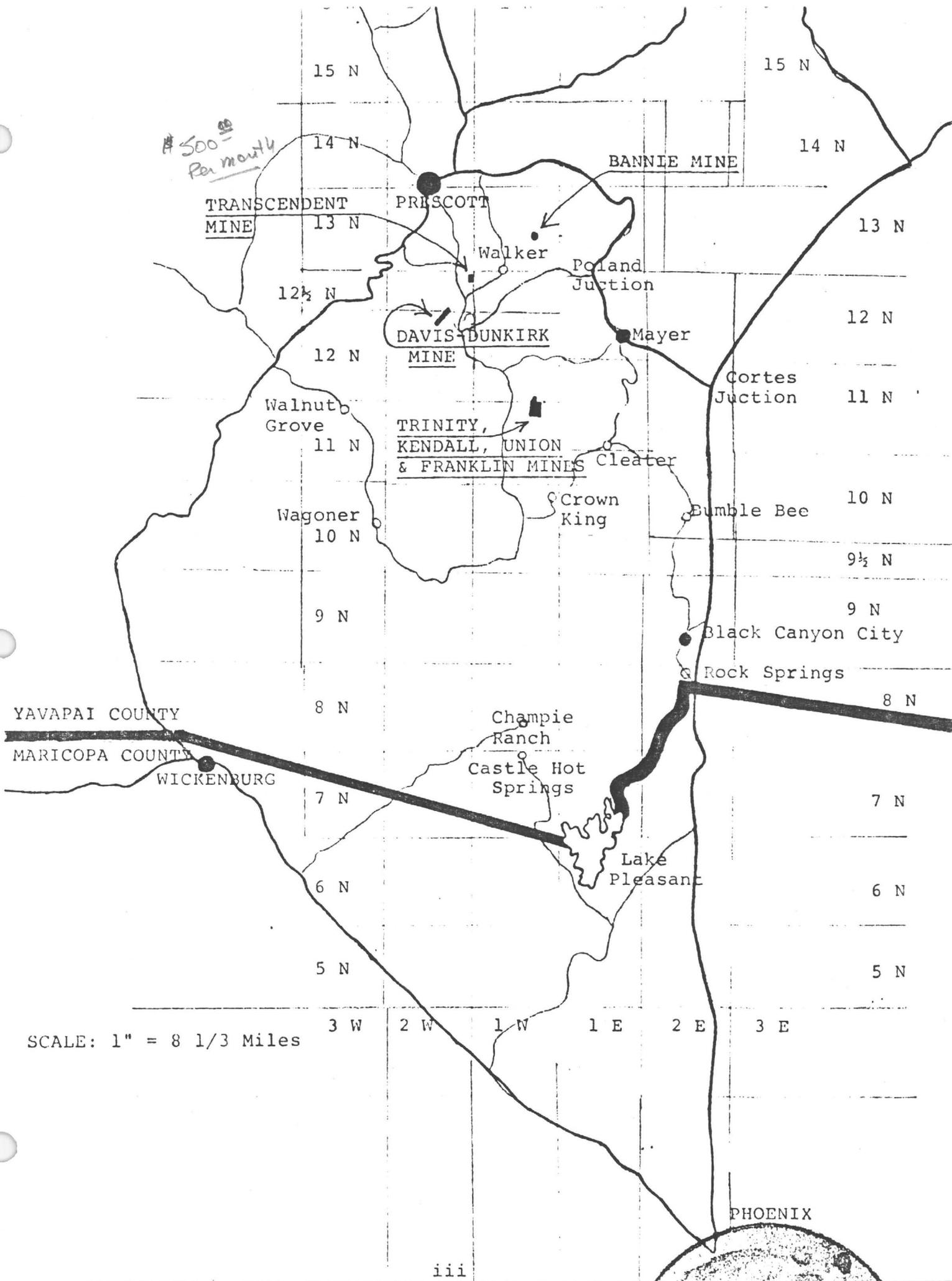
Estimates reflect that the Turkey Creek Mining District produced \$67,500.00 in silver, \$16,226.00 in gold and \$10,979.00 in base metals or on a ratio of approximately 80 ounces of silver to one ounce of gold. This production was between 1906 and 1933.

On the attached Figure 39, Arizona Silver Production 1870 to 1966, note the bonanza deposits in full production between 1880 and 1890.

Veins observed on the Franklin, Union and Trinity generally strike north-northeast for the length of the claims, varying in widths from a trace to over 4 feet.

Two samples taken by HCT on the Franklin vein assayed 23 ounces (avg) and 19 ounces (avg) of silver per ton and one sample from the Trinity showed 24 ounces (avg) per ton of silver and another sample from the Trinity #3 showed .67 ounce per ton of gold.

1 Lindgren 1926; p. 109-113, 149-152



SCALE: 1" = 8 1/3 Miles

TABLE OF SAMPLES

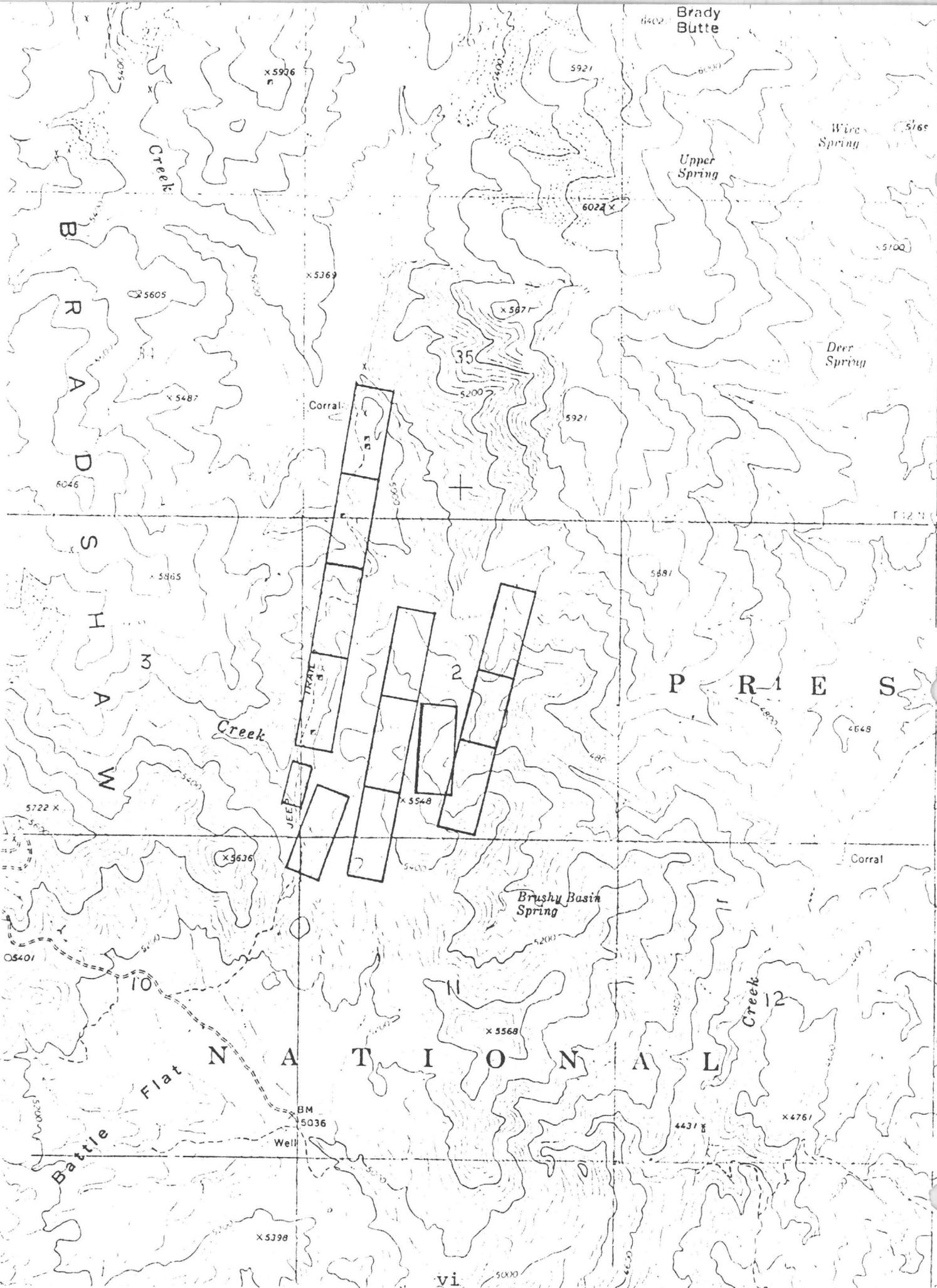
Bill Whipkey Report

Assayer: Mountain States Engineering

Sample #	Fire Assays		Atomic Absorption Spectrometry							Description
	Gold (oz/ton)	Silver (oz/ton)	Gold (oz/ton)	Silver (oz/ton)	Moly in %	Cu in %	Pb in %	Zn in %	Tungsten in %	
4820	.001	.88	.002	.92	.001	.006	.017	.010	.005	Silver Star. 18" sample across face of short adit on NE side of road. "Zone striking northerly.
4871	.001	23.75	.002	22.35	.008	.008	.061	.045	.003	Franklin. 3' Channel across vein. Top of Portal of *400' Adit drifting SW on vein. North end center of Franklin claim and south end center of North Star claim on Turkey Creek.
4872	.001	18.96	.002	19.65	.004	.116	2.30	5.70	.003	Franklin. 3' sample across vein below portal of *400' adit.
4873	.002	.17	.001	.13	.001	.006	.017	.030	.004	Kendall. Stringers crossing on Kendall claim road.
4874	.001	3.35	.001	3.21	.010	.016	.074	.032	.005	Kendall. 1' vein along road into Kendall claim.
4875	.001	23.5	.001	24.38	.001	.091	1.40	.26	.006	Trinity #3. 18" cut across East vein - parallel with Main Trinity vein - NNE strike.
Trin	.670	1.93	.001	1.93	.001	.009	.011	.009	.003	Trinity Mine. Grab sample from Trinity Mine. Patent Claim

\* Peterson estimate 400 ft., Pat. Plat 1882 shows 152 ft.





Brady Butte

Wire Spring 5165

Upper Spring

Deer Spring

BRADSHAW MOUNTAINS

PINAL COUNTY

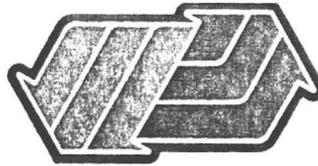
Creek

Brushy Basin Spring

NATIONAL

Creek 12

BM 5036  
Well



**Mineral Economics Corporation**  
Consulting Mining & Geological Engineers

AN ARIZONA SILVER POTENTIAL

Bill Petersen and Associates own four patented mining claims and one patented millsite, that is, the Trinity, the Trinity Millsite, the Kendall, the Union and the Franklin Mining Claims along with eight adjacent unpatented claims sometimes herein referred to as TUKF.

The Trinity Patented Mining Claim (M.S. 179) and the Trinity Millsite (M.S. 180) were patented on May 21, 1880. At the time of patent the improvements shown on the Trinity Mining Claim was a shaft 20 feet deep, 6 X 8 foot in cross-section; a second shaft 40 feet deep with a 4 X 6 foot cross-section; three cuts, the first of which was 6 foot long, 4 foot wide and 4 foot deep, the second of which was 8 foot long, 6 foot wide and 4 foot deep, the third of which was 6 foot long and 4 foot wide and 4 foot deep. At the time of my visit to the ground on January 6, 1981, the principal shaft (probably the 40 foot shaft) which is in the middle of the Trinity Gulch, had been filled by a recent flash flood. Our quick-look on the surface showed that, except for the new roads, there had been little excavation done since the time of the patent in 1880.

The Kendall patented mining claim (M.S. 427) was patented on October 1, 1882, and at the time of the patent it was developed by a 33 foot incline shaft 4 foot by 6 foot; a 30 foot "tunnel"

4 by 6 foot which is still there, and a 35 foot trench 3 foot by 7 foot. These appear to still be the principal underground development work on the Kendall claim excepting for the surface bull-dozing and road system completed by Mr. Petersen.

The Union Patented Mining Claim (M.S. 428) was patented on October 19, 1882, and shows on the patent plat to have been two shafts, one 11 feet deep and a second 28 feet deep, respectively. One of these shafts is reported to have a 25 foot drift and the second shaft is reported to have been deepened to 90 foot in depth since the time of the patent.

The Franklin Patented Mining Claim (M.S. 430) was patented on October 20, 1882, and was developed by two adits of 25 feet and 152 feet, respectively, in length at the north end of the claim. The portal to the Franklin Adit is nearby and is nearly covered by debris. Sample No. 4871 was taken across the top of the portal of this adit. Sample No. 4872 was taken across the Franklin vein just to the north of the portal. The Dump on the Franklin Adit has been washed away by Turkey Creek which crosses just along on the west side and around to the north. Bill Petersen reports that this 152 foot Franklin Adit has been deepened to approximately 400 feet. He also reports that within the adit there is a 100 foot crosscut, a 50 foot raise and a 50 foot winze.

According to Gerald L. Kirwan<sup>1</sup> the silver discovery on the TUKF

1 Gerald L. Kirwan is a consulting geological engineer that made and submitted a report on the property on November 19, 1978. The title of his report is Silver Concentrations, Franklin Mine Claims, Yavapai County, Arizona.

group was made on the property in 1877.

There is very little production data available on these patented claims, but according to Kirwan, there were two dumps on the property totaling 1300 tons at the time he visited the property in 1978. Some of this tonnage is possibly that which has been washed away from the portal of the Franklin adit.

#### Geology - Regional and Local

The regional geology of the Turkey Creek Mining District is made up mainly of Pre-Cambrian Yavapai schist dated as being over 1.3 billion years old. The Yavapai schist consisting mostly of meta-sedimentary rocks and some meta-volcanics has been intruded on the east and west by Pre-Cambrian Bradshaw granite and on the south by the monzonite prophyry stock of Battle Flat.<sup>1</sup> The Bradshaw granite has been dated at being over 1.0 billion years old.

A description of the Bradshaw granite and the Yavapai schist exists in the Lexicon of Geologic Names of the United States, written by the U.S.G.S. in Bulletin 896 and reads as follows:

Bradshaw granite - Page 249

"A coarse plutonic rock, which in places has a gneissic structure and in places a coarse granular structure. Frequently there are zones where the rock becomes highly schistose and would more properly be called a mica gneiss. Normal type is coarse biotite granite with rare green hornblende. It intrudes the Yavapai schist, Algonkian. In places merges into Crooks complex.

Named for the mountains in which it is so well displayed."

1 Ibid

## Yavapai schist - Page 2383

"Most abundant rock is an argillaceous phyllite varying to slate, mica schist, and chlorite schist, but the formation as mapped locally includes gneisses, granulates, hornfels, and epidote and hornblende schists, also conglomerate and sandstone bands and lenses and zones of intense metamorphism. The variations of the normal schist are mapped separately. Greater part of formation is clearly sedimentary. Is oldest formation in area.

Named for extensive development in Yavapai County."

Within the Turkey Creek Mining District, rocks are exposed which were deposited during Older Pre-Cambrian and Tertiary time intervals.

"Pre-Cambrian" is a term used to represent all the rocks and all geologic time that preceded 570 million years ago. The Tertiary time interval is between 2.5 and 65 million years ago (m.y.a.).

Rocks representing portions of the great intervening time span (935 million years) were probably also present, but have been removed by erosion.<sup>2</sup>

During the emplacement of the granitic pluton, the schist was undergoing a great deal of displacement. In more recent geologic times the major orogenic disturbance was the Laramide orogeny which can further account for the displacement of the schist.

It is also believed that the Laramide orogeny occurring from late Cretaceous (Cretaceous covers the time span between 136 and 65 million years ago) time to early Tertiary time, is responsible for much of the regional uplift and intrusive and volcanic igneous rocks that are found in the area. It is with these recent igneous intrusives that the gold, silver, copper, lead and zinc mineralization is associated.

<sup>2</sup> Geology of the Central Portion of the Agua Fria Mining District, Yavapai County, Arizona, by James Millard Evensen

Regionally the schist has been tilted to an orientation with a strike of north to northeast and a dip to the northwest between 70° and 80°.

Mineralization occurs along fault planes or shear zones that strike north to northeast and dip between 70° and 80° to the northwest. The obvious association is that faulting has occurred along the schist-granite contact which then provided a good plane of weakness for the more recent intrusives to follow. Occasionally these intrusives or "dikes" which seem to be associated with the ore bearing solutions, cut across the planes of schistosity and into the Older Pre-Cambrian granite.

The ore bearing solutions which migrated upwards and filled these void spaces (created by faulting) were silica rich as we now see by the quartz veins that remain. It is quite distinctive for these veins to pinch and swell, and for silver mineralization to be weak and then strong along any given structure. Silver is the primary mineral of concern of these claims. The silver appears to occur as black silver chloride green minerals. Silver identified on the property was Silver Bromide (blue) and Silver Chloride (green). The Silver Chloride darkens to purple and black when exposed to the elements. It is thought that upon further investigation a much larger suite of silver minerals will be found, such as native silver and Argentite.

Abstract of Kirwan November 19, 1978, Report

"The chief silver structure is a 5 ft. wide north northeast trending quartz-calcite vein dipping west at 75° from the north portion of the Union Claim through the entire length of the Franklin Claim, a minimum distance of 1,300 lineal ft. A heavily mineralized 2.5 ft. core characterizes this structure in the area of the Union shaft.....Eyeballing to some degree can be performed determined by the amount of black silver chlorides."

Kirwan reports "upon an assay derived from the Union shaft reporting 28.0 ounces silver per ton.....across the 2.5 ft. mineralized core....."

Kirwan evidently composed a sample of "numerous shovelfulls of dump material from the Union shaft.....which assayed 40 oz/ton of silver."

Kirwan reported, "Another major silver structure....5 ft. wide with a 2-4 ft. heavily mineralized core, striking a few degrees west of true north and dipping west 80°, occurs at the Kendall shaft in the central portion of the Kendall Patented Claim. This same structure is exposed on strike northward along the cat cut on access road about 400 ft. (and), again (is) exposed 400 ft. northward.....on the Franklin Claim. This structure....runs the full length of the Franklin Claim and is exposed by a drift adit at Turkey Creek some 1,000 ft. further north imparting a strike length of a minimum of 1,800 ft. to this major structure."

Kirwan evidently "sampled the dump at the Kendall shaft by taking numerous shovelfulls of dump material.....Kendall shaft indicate that assayed 30 ounces silver per ton....."

Kirwan states, "Samples from road cut and the extension 400 ft. north thereof returned 33.80 and 109.74 ounces silver per ton respectively....."

"Examination of the 175 ft. long (Franklin) drift adit (reported on M.S. to be 152 ft. and by Petersen as 400 ft.).... shows abundant silver chlorides over 2 ft. in width as a high grade core. The old miners even stoped up at least 100 ft. (Petersen work?) along high grade likely to prepare for massive mining of this vein, and winzed downward some distance.....A third area of economic interest for silver concentrations is located immediately northeast of the Kendall shaft located most recently while bulldozing. No less than five substantial vein structures each of a good five ft. in width, all north-trending, occur over a distance of only 75 ft. Surface sampling of leached material indicates some 30 ounces silver per ton. Much more work should be performed to evaluate this vein system, along with the possibility of open pit mining the entire block as a single unit. Vein lengths could be determined through exposure by bulldozing as veins do not penetrate to surface."

"Relative to this recent discovery of hidden vein systems, potential for further vein structures on the property is virtually limitless."

"Numerous other areas exist on the property where obvious vein structures occur but have not been evaluated."



RESPECTFULLY SUBMITTED,

*Hale C. Tognoni*  
HALE C. TOGNONI, P.E.

## Trinity, Kendall, Union, Franklin Mines

Location & Description: This mining property is located in Sections 2, 3, 10 & 11, Township 11 North, Range 1 West, and extending north into Section 35, Township 12 North, Range 1 West (see Figure 1). It consists of four (4) patented (20 acre) lode mining claims, one (1) patented (5 acre) millsite and eight (8) unpatented (20 acre) lode mining claims as described below:

<u>Name of Patented Claim or Millsite</u>	<u>Mineral Survey Number*</u>	<u>Date Surveyed for Patent</u>
Trinity, mining claim	179	5/21/1880
Trinity, millsite	180	5/21/1880
Kendall, mining claim	427	10/1/1882
Union, mining claim	429	10/19/1882
Franklin, mining claim	430	10/20/1882

\*Mineral Survey plats attached in Exhibit "A"

<u>Name of Unpatented Mining Claim</u>	<u>Name of Locator(s)</u>	<u>Date of Location</u>	<u>County* Book Page</u>	<u>B.L.M.* Serial Nos.</u>
Silver Star	Robert Rippey, Alvin Reeves & W.L. Petersen	3/4/78	1201 314	A MC 37589
Silver Moon	Eugene Swenson & Helen Swenson	4/7/79	1209 612	A MC 40897
Keystone	Murlyn Carling	9/10/79	1247 302	A MC 74424
Keystone No. 3	Carney Nuzzi <u>Quit Claimed to Merle Frampton</u>	9/10/79 9/17/80	1327 791 1327 790	A MC 74425
Keystone No. 4	Robert Rippey & W.L. Petersen	9/10/79	1247 300	A MC 74426
Silver Bell	Robert Rippey, Alvin Reeves & W.L. Petersen	1/27/80	1289 817	A MC 101813
North Star	Robert Rippey, Alvin Reeves & W.L. Petersen	1/27/80	1289 819	A MC 101812

\*All above mentioned documents attached in Exhibit "A"

Keystone No. 5 W.L. Petersen is sending location data on this claim. No records were found at the BLM regarding this claim.

All the mining property mentioned above is located in the Turkey Creek Mining District, Yavapai County, Arizona and the paramount title to the unpatented claims is in the United States Government and under the control of the Prescott National Forest, U.S. Forest Service, Department of Agriculture.

Conflicting Claims: The BLM records show a block of fifteen unpatented lode mining claims overlapping the Kendall, Union and Franklin patented claims and the Silver Star, Silver Moon, Silver Bell and North Star unpatented lode mining claims.

The fifteen claims that overlap said patented and unpatented mining claims consist of the Kendall #1 through Kendall #9, Union #1 through Union #3, Franklin #1 through Franklin #3 lode mining claims located by Joseph Rippey, Sr., Fred Babineau and Sam Schwartz on the 27th day of September, 1978.

There was no Affidavit of Labor for the 1979-80 assessment year in the BLM files or the Yavapai County Recorder's Office.

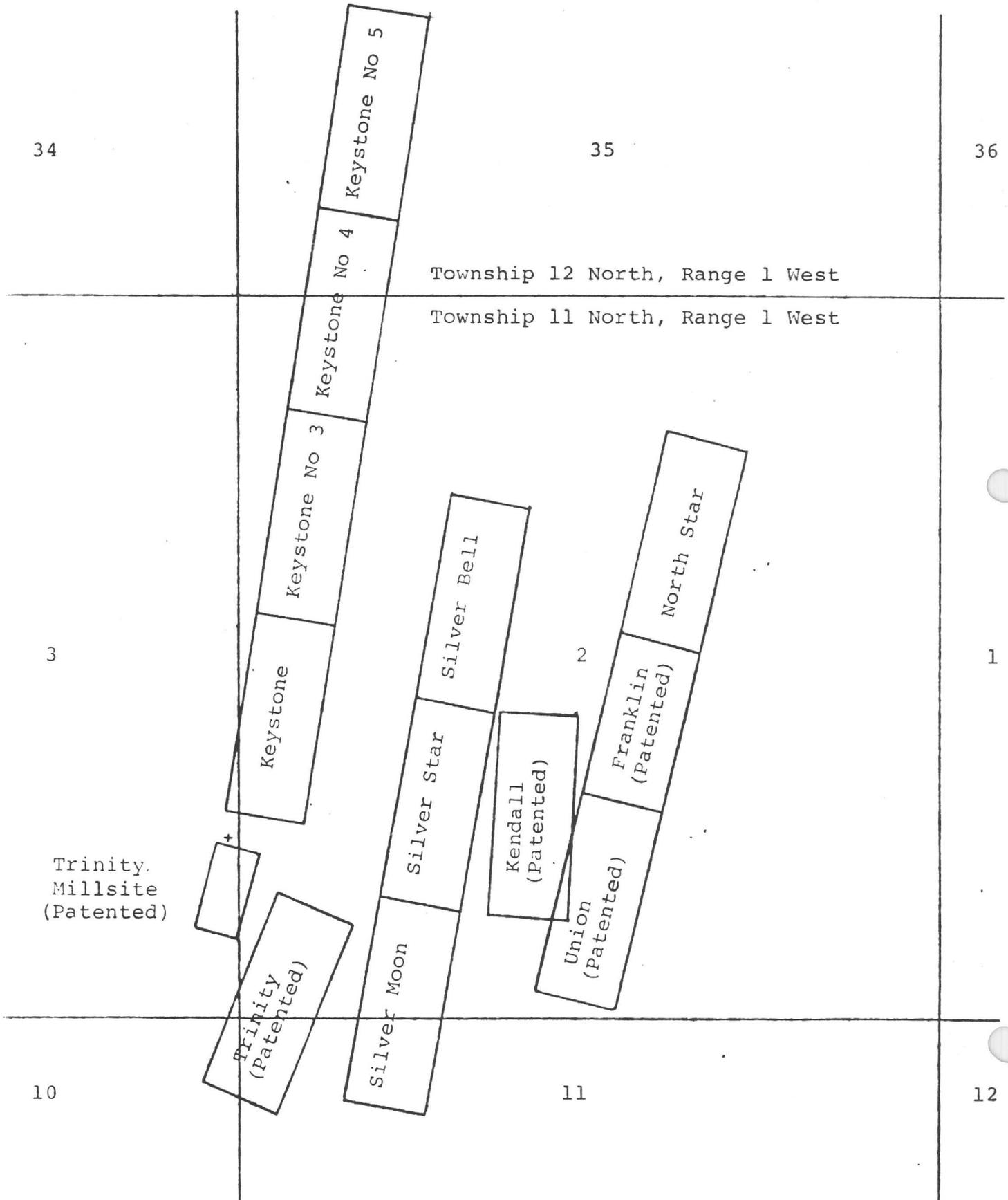
Bill Petersen asserts that no location work or corner monuments were ever erected and that no assessment work was performed during the 1979-80 assessment year. Under the above circumstances the overlapping claims hold little threat to the title to the TUFK claim group.

The BLM records also show a group of ten placer mining claims that seem to claim the Creek gravel or placer in the Turkey Creek as it runs through the east half of Section 3, Section 2 and the west half of Section 1, Township 11 North, Range 1 West. These claims, Hootenanny No. 1 through 10, overlap the patented and unpatented claims in places they cross Turkey Creek. They were located on June 4, 1980, by Emil J. Moravec and Roy C. Pogue. If these claims are validly located, they could possess the placer deposits, but only where they conflict with the previous unpatented lodes, but probably do not gain anything of value.

None of these conflicting unpatented placer claims gain any property right where they cross the patented claims, that is, the Kendall, Union, Franklin and Trinity and the Trinity Millsite.

Trinity, Union, Kendall, Franklin Mines

(Figure 1)



## CONCLUSION

The Trinity, Union, Kendall and Franklin patented mining claims along with the connecting eight unpatented claims (TUKF) comprise a high grade mineral target. Using MEC's Geologic Parameters set forth below would result in a rating of 14 on a scale of 15.

Excellent (3), Good (2), Fair (1), Poor (0)

- |      |   |           |
|------|---|-----------|
| I.   | <u>Metallogenic Environment</u> (see Exhibit "B") - Excellent   | <u>3</u>  |
|      | The TUKF claims are in a metaliferous province that has produced \$69 million in gold, silver and base metals.  |           |
| II.  | <u>Source Rocks</u> - Good  | <u>2</u>  |
|      | Source Rocks in the Bradshaws such as, (1) Yavapai schist with metamorphosed ancient placers and massive sulphide deposits, (2) Laramide intrusives carrying disseminated and vein deposits of precious and base metals and (3) Tertiary igneous rocks contemporaneous with most known Arizona gold deposits. Only (1) was readily identified by HCT while (2) and (3) are projected to be present. |           |
| III. | <u>Host Rocks</u> - Excellent   | <u>3</u>  |
|      | Both the Bradshaw granite and the Yavapai schist have hosted many silver and gold deposits in the Bradshaw Mountains.   |           |
| IV.  | <u>Structural Conditions</u> - Excellent  | <u>3</u>  |
|      | NNE trending faults are crossed by NW trending faults and planes of schistosity which form fissures for vein deposition and intersections for "pipes" and ore shoots.   |           |
| V.   | <u>Anomalous Mineralization</u> - Excellent   | <u>3</u>  |
|      | Samples to date show the presence of silver and gold in quality that could, if outlined in sufficient quantity, form an economic mineral deposit, i.e.  |           |
|      | 20 oz. silver ore @ \$13.00/oz. would amount to \$260.00 per ton. A small mine of 100 tons per day can probably, with efficient personnel, be operated at mining costs of \$150.00 per ton and milling costs of \$50.00 per ton, leaving \$60.00 per ton profit.  |           |
|      | TOTAL   | <u>14</u> |
|      | out of possible 15  |           |

Therefore it is my opinion that a prudent man would be justified in spending his time and money on the TUKF silver project with a reasonable expectation of developing a paying mine.

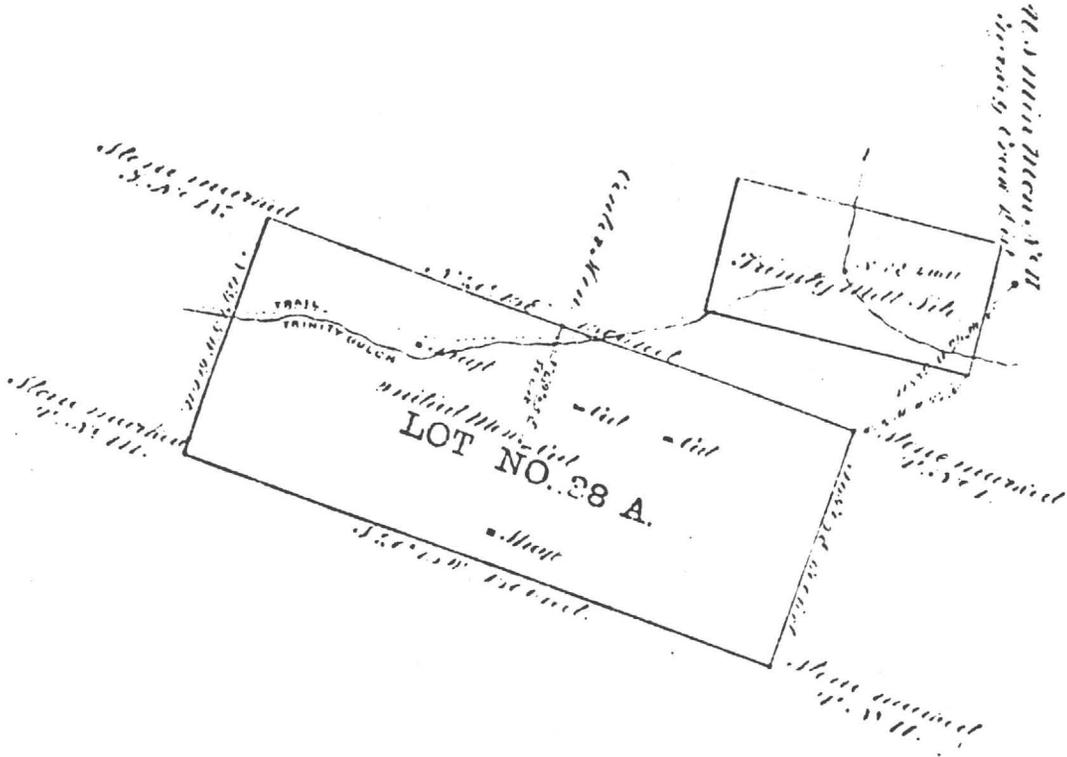
## RECOMMENDATIONS

1. That the Trinity-Union-Kendall-Franklin Patented Mining Claims and Millsite with the surrounding and connecting 8 unpatented mining claims be acquired immediately by a normal mine lease and option.
  2. That a mine development budget of \$175,000.00 be allocated to do the following:
    - (a) Re-open the Franklin Drift Adit and other partially accessible workings for sampling all exposed veins - - - - - \$ 25,000.00
    - (b) Conduct a tight Geo-Chem sampling program on 100 feet centers over the entire surface of the TUKF claim unit plus the sampling of each structure or mineralized area that is crossed by a sample line - - - - - 25,000.00
    - (c) Take aerial photographs and make base map for geological, sample and property maps - - - - - 10,000.00
    - (d) Set angle drill holes and drill across veins to determine strength tenor and values at depth. 3,000 ft. of drilling @ \$25.00 per ft. - - 75,000.00
    - (e) If sufficient ore is now outlined, then make up a mine plan - and project the mining cost - - - 5,000.00
    - (f) Take representation sample of ore to be milled and submit to testing laboratories for recommended flow sheet- - - - - 10,000.00
    - (g) Engineering - Geology - and Management - - - - - 25,000.00
- \$175,000.00

Note: The low amounts of copper at surface would allow cyaniding, but if Lingren is right about the vein turning to copper in the sulphide zone, the resulting ore body may not be subject to cyaniding. One pound of copper consumes 3# of cyanide, generally, so 1% of copper per ton is 20# of copper and so would therefore consume 60# of cyanide.

You must await the results of your testing program before designing your mining or milling method.

EXHIBIT "A"



179

PLAT

MINING CLAIM

ARIZONA

Witness: *William J. ...*

Subscribed by: *...*

made: *...* at the

*Trinity*

The original field notes of the survey of the  
 ing claim from which this plat has been made, have been examined and are  
 dia in this office, and I hereby certify that they furnish such an accurate description  
 of the premises as will enable me to identify the same as they are shown on this  
 plat, and I further certify that the value of the labor and improvements shown and men-  
 tioned therein by the applicant and Mr. J. G. ... and the said improvements  
 and the said improvements remain of such a nature as to be of great value to the  
 claimant and his heirs and assigns forever.

And I further certify that this is a correct plat of said ...  
 mining claim or claims, made in conformity with said original field notes of the ...

D. A. ...  
 Tucson, Arizona, ...

SHEET No. 1271

# PLAT

## Kendall

MINING CLAIM

Turkey Creek  
Yavapai

Francis M. Russell

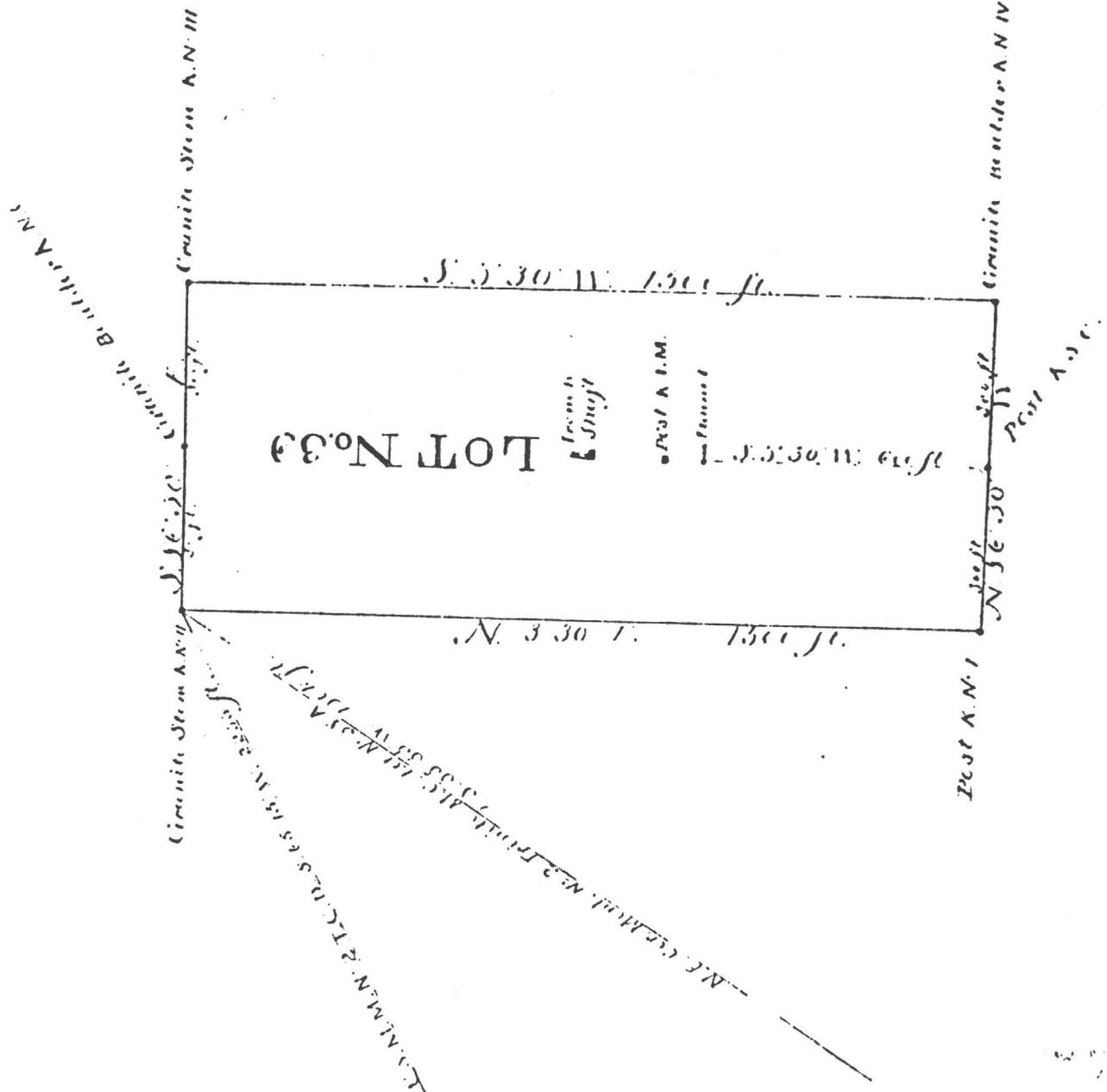
H. J. Bennett  
Celt  
20.000

Kendall

1 Tunnel high 35 ft long  
Trench 37 ft 3 in  
Shaft 44 ft 3 in deep

with shaft & tunnel

Number 4



LOT No. 39

Trench & Shaft

Post A & B

N. 33° 30' E. 1500 ft.

E. 30° 30' N. 600 ft.

S. 30° 30' W. 1500 ft.

W. 33° 30' S. 600 ft.

Circuit Stems A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

L. J. Russell

180

LOT NO. 58-B.

PLAT

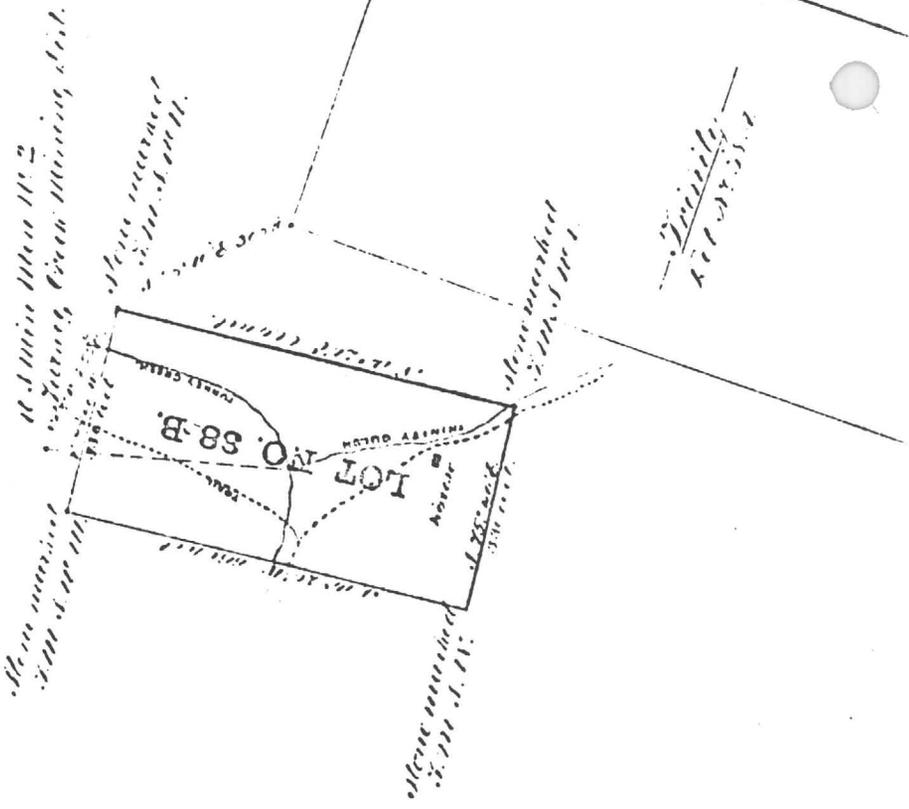
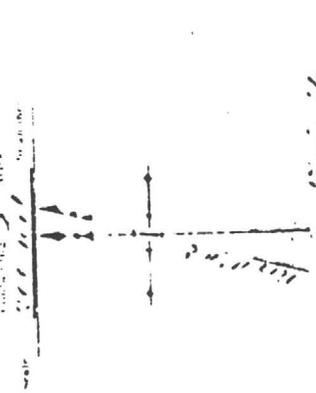
OF THE

MILL-SITE CLAIM.

MINING CLAIM, MINE & MILL, PROPERTY OF *John Miller* and in No. 117, Arizona.

Claimed by *William J. Sullivan*

Surveyed by *William J. Sullivan*



The original survey of the survey of the *Sullivan* site claim from which this plat has been made, has been examined and approved on file in this office, and it is hereby certified that they form a correct and true plat of the *Sullivan* claim, with the claim as well as the *Sullivan* and permanent monuments as will be specified and the lines thereon. *Sullivan* further certifies that the value of the lot and improvements upon the *Sullivan* mining claim, placed thereon by the applicant, and *John Miller* is not less than five hundred dollars, and that said mill site is claimed in connection with the mining claim.

And I further certify that said mill site is upon monuments, ground and the lot is placed and a *Sullivan* will also certify that the same is in conformity with said original plat received hereof.

*John Miller*

U. S. Surveyor General's Office,  
Tomb, Arizona, June 1890

PLAT No. 123

**Union**

MINING CLAIM.

Turkey Creek  
Sarapai

P. P. Bush  
et al.

F. S. Ingalls  
Oct. 19 12  
20.05

1620

Union

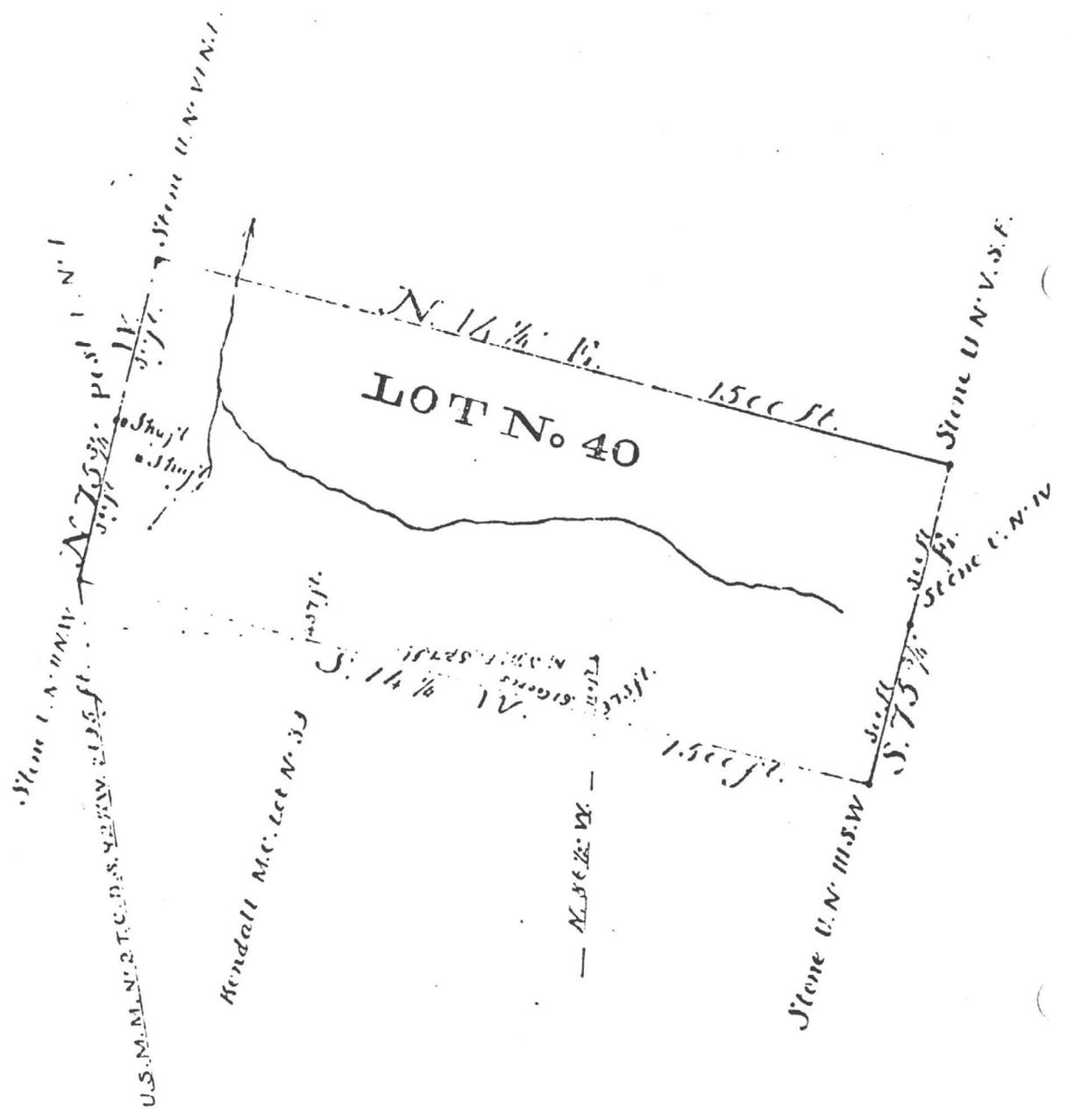
Shaft 4 x 6 ft 23 ft deep  
4 ft 11 in  
Drift 25 - 200

as shown by the record of the Union Mining Claim, No. 123, and the fact that the shaft is in the same place as the shaft of the Turkey Creek Mining Claim, No. 123, and that the shaft is in the same place as the shaft of the Turkey Creek Mining Claim, No. 123.

*Handwritten signature*

U.S. Surveyor's Office

July 18 1882



MAP No. 430

# PLAT

1882

## Franklin

MINE CLAIM

Turkey Creek Mining District

Sevicipai

ARIZONA

P. R. Bush et al.

P. S. Ingalls

1882

1858

1858

1858

1858

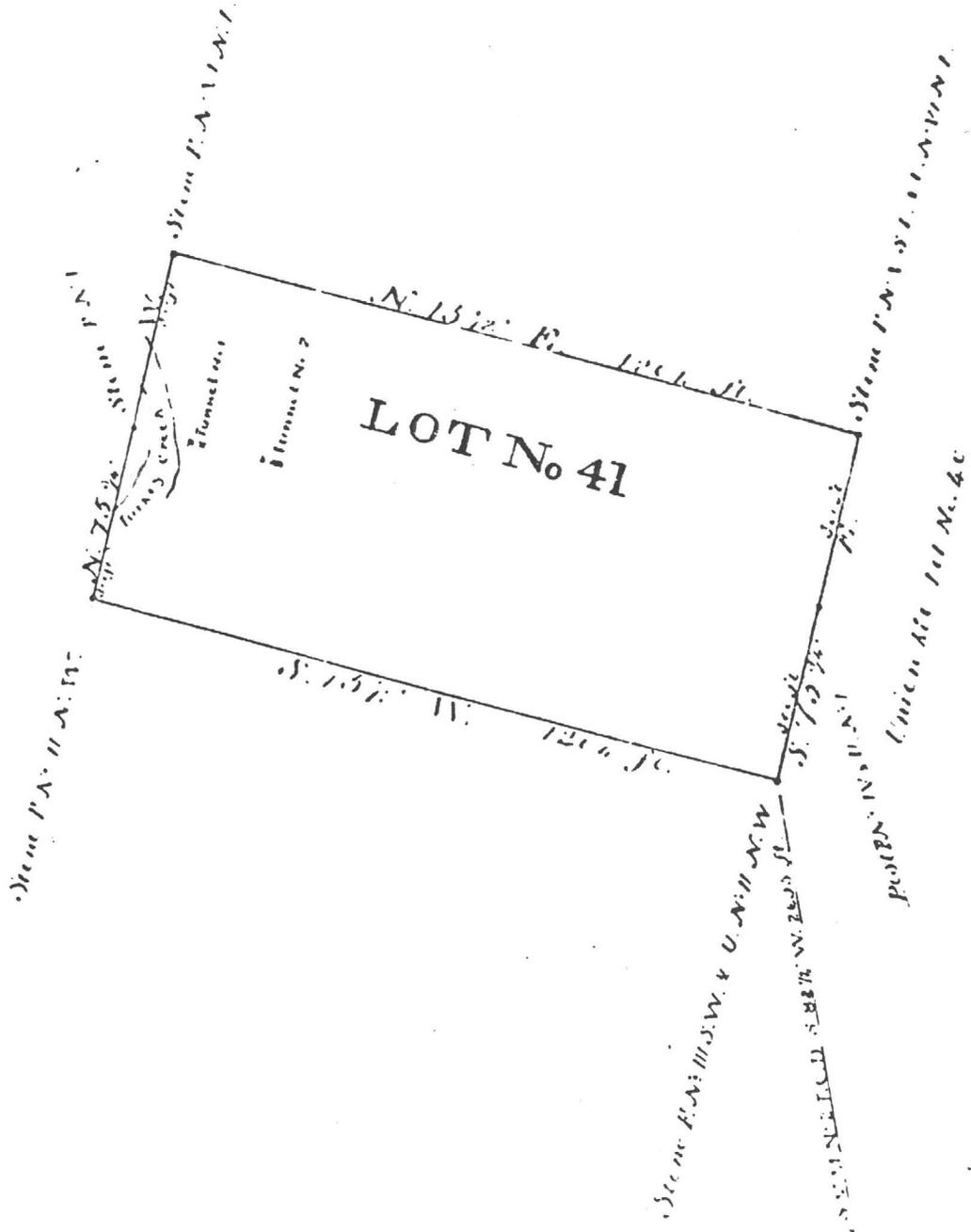
### Franklin

Having been duly surveyed and located in accordance with the provisions of the Mining Laws of the United States, and the same being in conformity with the requirements of the said laws, the undersigned, the several parties to this plat, do hereby certify that the same is a true and correct copy of the original plat of record, and that the same is in conformity with the requirements of the said laws.

Witness my hand and seal of office, this 11th day of October, 1882.

Notary Public for the Territory of Arizona.

Cl Tunnel 152 ft. long



Witness my hand and seal of office, this 11th day of October, 1882.

Notary Public for the Territory of Arizona.

*For a list of...*

October 11 1882

December 18, 1979

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

Mr. W. L. Peterson  
Ms. Rauba Peterson  
P O Box 121  
Humboldt, Arizona, 86329

Dear Claimants:

This letter acknowledges receipt of the Affidavit of Labor Performed and Improvements Made for 1978 - 1979 for:

Serial Number

Claim Name

A MC 37589

Silver Star

Enclosed is your check for (\$3.00) as there is no fee for filing an Affidavit of Labor and Improvements Made.

Thank you for your cooperation in this matter.

Sincerely yours,

W. Robert Peterson

Chief, Branch of Records  
and Data Management

Enclosure

cc: Accounts

BAhearn:caf

BC

April 4, 1979

pb

W. L. Peterson  
Box 121  
Humboldt, AZ 86329

Dear Mr. Peterson:

This letter is to identify the serial number we have assigned to your mining claim location notice filed in this office on March 23, 1979.

Serial Number

Name of Claim

A MC 37589

Silver Star

Please refer to the claim name and the serial number in any future correspondence.

Enclosed is a chart showing requirements for filing affidavits of assessment work or notice of intention to hold mining claims.

Sincerely yours,

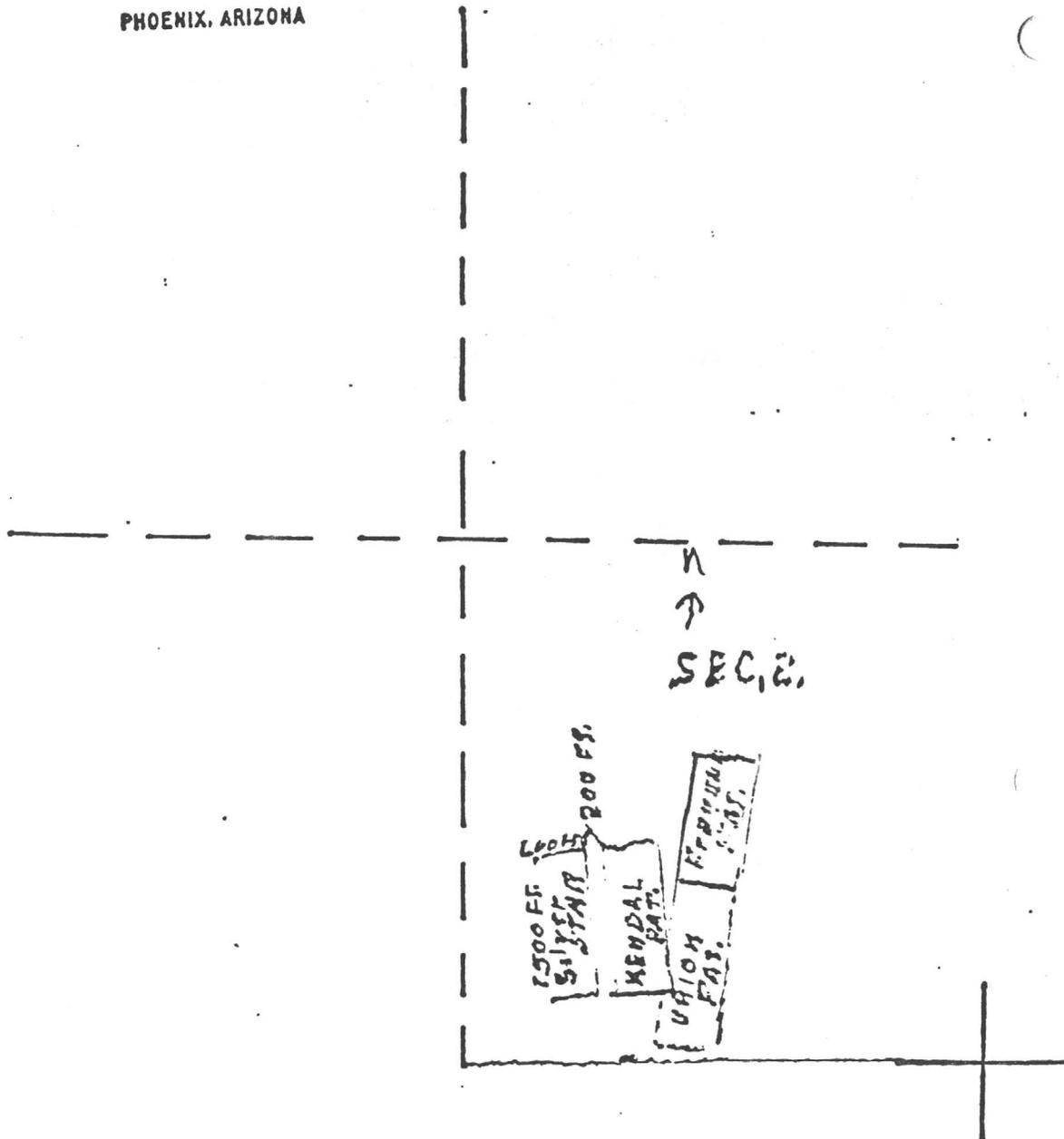
/s/ Robert L. Peterson

Chief, Branch of Records  
and Data Management

Enclosures

FBailey:cl

RECEIVED  
B.L.M. AZ STATE OFFICE  
MAR 23 3 26 PM '79  
PHOENIX, ARIZONA



1. Name of Claim: Silver Star
2. Type of Claim: Silver Lode
3. The Claim is located in Section 2, Township 11-N, Range 1W, G. & S.R.M.
4. Scale: 600 FF = 1/2 IN.
5. The Claim is situated in Yavapai County, Arizona.
6. Type of corner and location monuments used: 2x2, W.F.M. ROCK BASE 4 FT. High.

Instructions for Completion: BOOK 1201 PAGE 315

(i) If the land is surveyed, a corner of the claim must be tied by a course and distance to a monument of the Public Land Survey; if the land is unsurveyed a corner must be tied by course and distance to an established survey monument of a United States Government agency or a United States Mineral Monument; if no such monuments are available, one or other permanent monument as shown on Plat (ii) North arrow must be shown on Plat.

MAR 23 3 26 PM '79

PHOENIX, ARIZONA

Notice of Mining Location

LODE CLAIM



TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Silver Star Mining Claim, situate on land belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Robert Rippey, Alvin Reeves and W.L. Petersen

(Locator must insert either "A Citizen of the United States," or "Who has declared his intention to become a Citizen of the United States.") the undersigned, on the 4th day of March, 1979

The length of this claim is 1500 feet and 750 claim 1500 feet in a Northerly direction and 750 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northerly to the southerly

The claim is situated and located in the Turkey Creek Mining District, in Yavapai county, in the State of Arizona, about one half mile in a Easterly direction from Holley wells

Located in sec. 24 in N.R. I.W.

The surface boundaries of the claim are marked upon the ground as follows:

Beginning at North center at a point in a 750 southerly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence 300 feet to a 2x4 post easterly, being the North east corner of said claim; thence 1500 feet to a 2x4 post being at the Southeast corner of said claim; thence 300 feet to a 2x4 post at the center of the South end of this claim; thence 300 feet to a 2x4 post, being at the Southwest corner of said claim; thence 1500 feet to a 2x4 post at the Northwest corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 4th day of March, 1979

Witness

Robert Rippey, Alvin B. Reeves, W. L. Petersen

Locator(s)

STATE OF ARIZONA

COUNTY OF

BOOK 1201 PAGE 314

Witness my hand and official seal the day and year aforesaid.

I hereby certify that the within instrument was filed and recorded at

request of W. L. Petersen

County Recorder.

By

Deputy Recorder.

on

Box 121 Humboldt 86329

Indexed Photostat Blotted

I do hereby certify that the within instrument was filed and recorded, at the request of W. L. Petersen  
on DEC 7 '79-12 40 PM o'clock Book 1264 Official Records Page 581  
Records of Yavapai County, Arizona. WITNESS my hand and official seal the day and year first above written.

INDEXED

PATSY C. JENNEY, County Recorder  
By [Signature] Deputy

W. L. Petersen  
PO Box 121  
Humboldt 86329

# Affidavit of Labor Performed and Improvements Made



3

RECEIVED

B.L.M. AZ STATE OFFICE

STATE OF ARIZONA,  
County of Yavapai } as. DEC 17 1979

W. L. Petersen 10:00 A.M. being duly sworn, deposes and says that he is a citizen of the PHOENIX, ARIZONA more than twenty-one years of age, and resides at Humboldt in Yavapai County, State of Arizona, and is personally acquainted with the mining claim known as Silver Star

mining claim, situate in Turkey Creek Mining District, County of Yavapai, State of Arizona, the location notice of which is recorded in the office of the County Recorder of said County, in Book.....of Records of Mines, at page.....; that between the 1st day of October, A. D. 1978, and the 30th day of August A. D. 1979, ~~more~~ over one hundred dollars worth of work and improvements were done and performed upon said claim, not including the location work of said claim. Such work and improvements were made by and at the expense of W. L. Petersen

owner..... of said claim for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and Clark Blackwood, Jr.

were the men employed by said owner.....and who labored upon said claim, did said work and improvements, the same being as follows, to-wit: Repaired approach to upper tunnel with a "cat" and cleaned out tunnel

auth by  
W. L. Petersen  
12-18-79  
12:00 PM



Rachel Petersen  
Subscribed and sworn to before me this 9th day of November A. D. 1979

May 17, 1979

Mr. and Mrs. Eugene D. Swanson  
P.O. Box 72  
Humboldt, Arizona 86339

Dear Mr. and Mrs. Swanson:

This letter is to identify the serial number we have assigned to your mining claim location notice filed in this office on May 7, 1979.

Serial Number

Name of Claim

A MC 40897

Silver Moon

Please refer to the claim name and the serial number in any future correspondence.

Enclosed is a chart showing requirements for filing affidavits of assessment work or notice of intention to hold mining claims.

Sincerely yours,

/s/ Robert L. Peterson

Chief, Branch of Records  
and Data Management

Enclosure

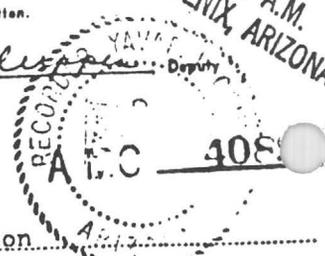
PBailey/cr/5/17/79

I do hereby certify that the within instrument was filed and recorded at the request of HELEN SWENSON  
on APR 16 79 - 2:59 PM o'clock Book 1209 Official Records Page 612-613

1979  
10:00 A.M.  
PHOENIX, ARIZONA

Records of Yavapai County, Arizona. WITNESS my hand and official seal the day and year first above written.

PATSY C. JENNEY, County Recorder  
By Dorothy J. Clippin, Deputy



TO Helen Swenson  
Box 72  
Humboldt 86329

### Notice of Mining Location LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Silver Moon Mining Claim, situate on land belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by EUGENE A. SWENSON and HELEN D. SWENSON, his wife -- Citizens of the United States

(Locator must insert either "A Citizen of the United States," or "Who has declared his intention to become a Citizen of the United States.")  
the undersigned, on the 7th day of April, 1979.

The length of this claim is 1500 feet and we claim 100 feet in a Northerly direction and 1400 feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South.

The claim is situated and located in the Turkey Creek Mining District, in Yavapai county, in the State of Arizona, about three miles in a Southerly direction from Pine Flat.  
In the S. W. quarter of Sec. 2 and the N. W. quarter of Sec. 2,  
R. 1. W., T. 11 N.

The surface boundaries of the claim are marked upon the ground as follows:  
Beginning at North end

at a point in a Northerly direction 100 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Westerly, 300 feet to a 2" x 2" post, being the Northwest corner of said claim; thence 1500 feet to a 2" x 2" post being at the Southwest corner of said claim; thence 300 feet to a 2" x 2" post at the center of the South end of this claim; thence 300 feet to a 2" x 2" post, being at the Southeast corner of said claim; thence 1500 feet to a 2" x 2" post at the Northeast corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 7th day of April, 1979.

Thomas E. Relyquist

Eugene A. Swenson  
Helen D. Swenson

Witness

Locator(s)

STATE OF ARIZONA } ss.  
COUNTY OF \_\_\_\_\_

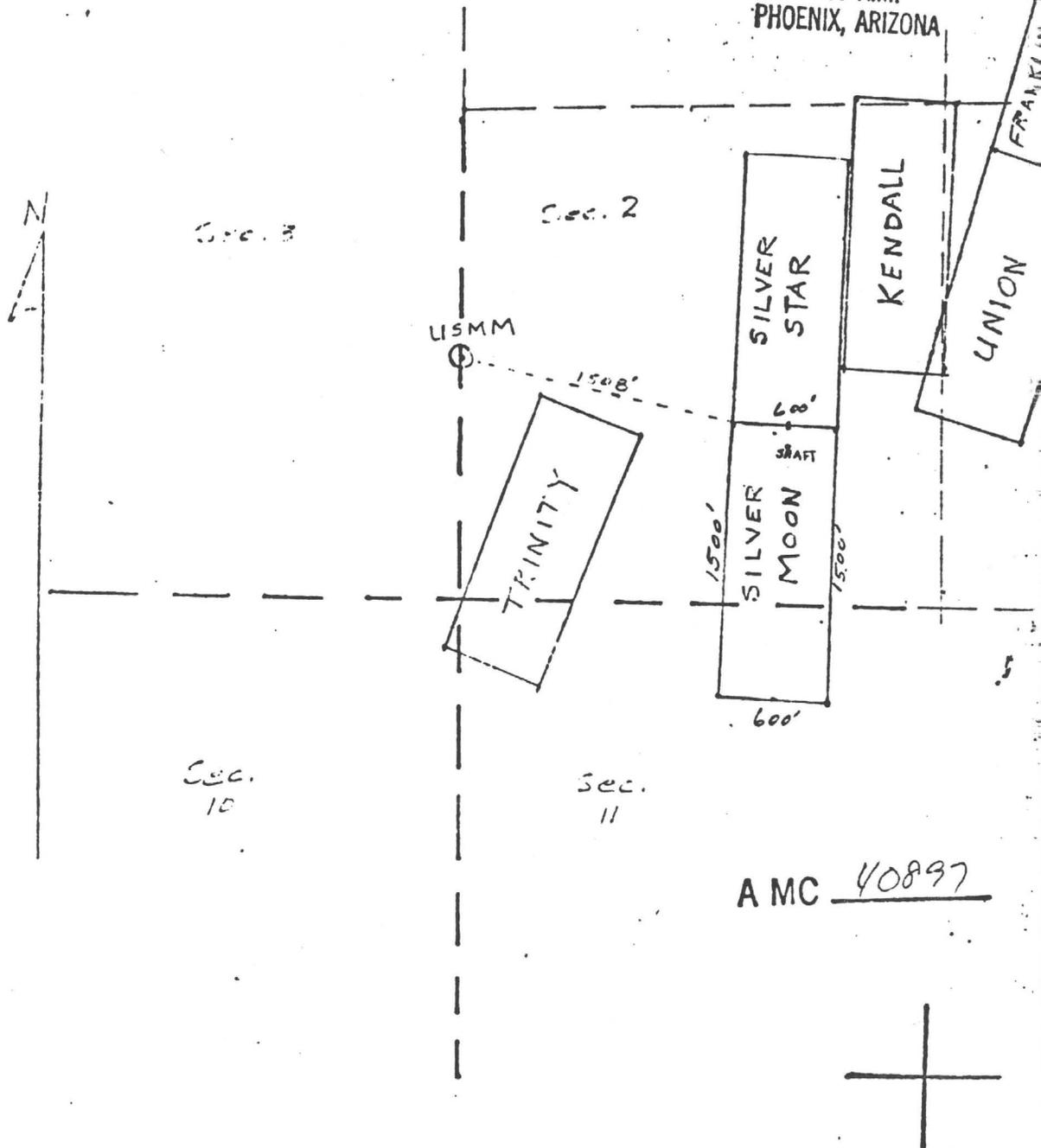
I hereby certify that the within instrument was filed and recorded at request of \_\_\_\_\_

Witness my hand and official seal the day and year aforesaid.

County Recorder.

By \_\_\_\_\_ Deputy Recorder.

10:00 A.M.  
PHOENIX, ARIZONA



1. Name of Claim: SILVER MOON
2. Type of Claim: LODE
3. The Claim is located in Section 2, Township 11N, Range 1W, G. & S.R.M.
4. Scale: 1" = 750'
5. The Claim is situated in YAVAPAI County, Arizona.
6. Type of corner and location monuments used: 6 - 2" x 2" x 4'  
STAKES with stones around the bottom.

Instructions for Completion:

BOOK **1209** PAGE **613**

- (1) If the land is surveyed, a corner of the claim must be tied by a course and distance to a monument of the Public Land Survey; if the land is unsurveyed, a corner must be tied by course and distance to an established survey monument of a United States Government agency or a United States Mineral Monument; if no such monuments are available, one or other permanent monument as shown on Plat.
- (ii) North arrow must be shown on Plat.
- (iii) Bearing and distances between corners must be shown on Plat.

January 7, 1980

Rauha Peterson  
W. L. Peterson  
Marilyn Carling  
Carney Russi  
P. O. Box 121  
Humboldt, Arizona 86129

Dear Claimants:

This letter is to identify the serial numbers we have assigned to the mining claim location notices filed in this office on October 12, 1979.

<u>Serial Number</u>	<u>Name of Claim</u>
A MC 74424	Keystone
A MC 74425 thru 74426	Keystone No 3 thru No 4

Please refer to the claim names and the serial numbers in any future correspondence. B9

A photocopy of your recorded Affidavit of Labor Performed or Notice of Intent to Hold for the 1979-1980 assessment year should be filed in this office on or before December 10, 1980. To be acceptable, the affidavit must show the work done during the period noon September 1, 1979 to noon September 1, 1980. No fee is required.

Sincerely yours,

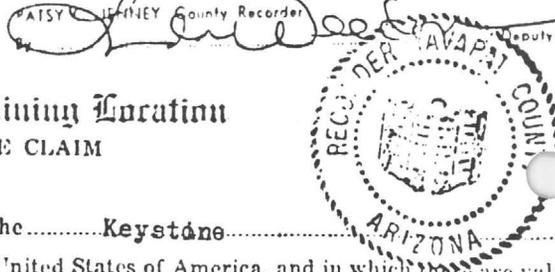
/s/ Robert L. Peterson

Chief, Branch of Records  
and Data Management

Enclosure:  
Regulations 43 CFR 3833

BAhearn:ah

*When recorded return to  
Paula Peterson  
P.O. Box 121  
Humboldt Ariz 86329*



**Notice of Mining Location  
LODE CLAIM**

TO ALL WHOM IT MAY CONCERN:

**RECEIVED  
B.L.M. AZ STATE OFFICE**

**OCT 12 1979**

**10:00 A.M.  
PHOENIX, ARIZONA**

This Mining Claim, the name of which is the Keystone Mining Claim, situate on land belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by

Murlyn Carling Citizen of the United States

insert either "A Citizen of the United States," or "Who has declared his intention to become a Citizen of the United States." the undersigned, on the 10th day of Sept., 1979.

The length of this claim is 1500 feet and 1 claim 350 feet in a southerly direction and 1150 feet in a northerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northerly to the southerly.

The claim is situated and located in the Turkey Creek Mining District, in Yavapai county, in the State of Arizona, about 20 miles in a southeasterly direction from Prescott Arizona and located in the southeast quarter of Sec. 2 twp II n. R J W. with the southwest corner located 200 ft. north of the No. 3 monument of the Trinity patented Millsite.

The surface boundaries of the claim are marked upon the ground as follows:

Beginning at the south end center of the Keystone mining claim at a point in a southerly direction 350 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence 300 feet to a 2x2 post with rocks, being the southeast corner of said claim; thence 1500 feet to a 2x2 post with rocks being at the northeast corner of said claim; thence 300 feet to a 2x2 post with rocks the center of the north end of this claim; thence 300 feet to a 2x2 post with rocks being at the northwest corner of said claim; thence 1500 feet to a 2x2 post with rocks at the southwest corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 10th day of Sept., 1979

*Carney P. ...*  
Witness

*Murlyn Carling*  
Locator(s)

STATE OF ARIZONA } ss. BOOK **1247** PAGE **302**  
COUNTY OF \_\_\_\_\_

I hereby certify that the within instrument was filed and recorded at request of \_\_\_\_\_

on \_\_\_\_\_ at \_\_\_\_\_ M, Docket \_\_\_\_\_

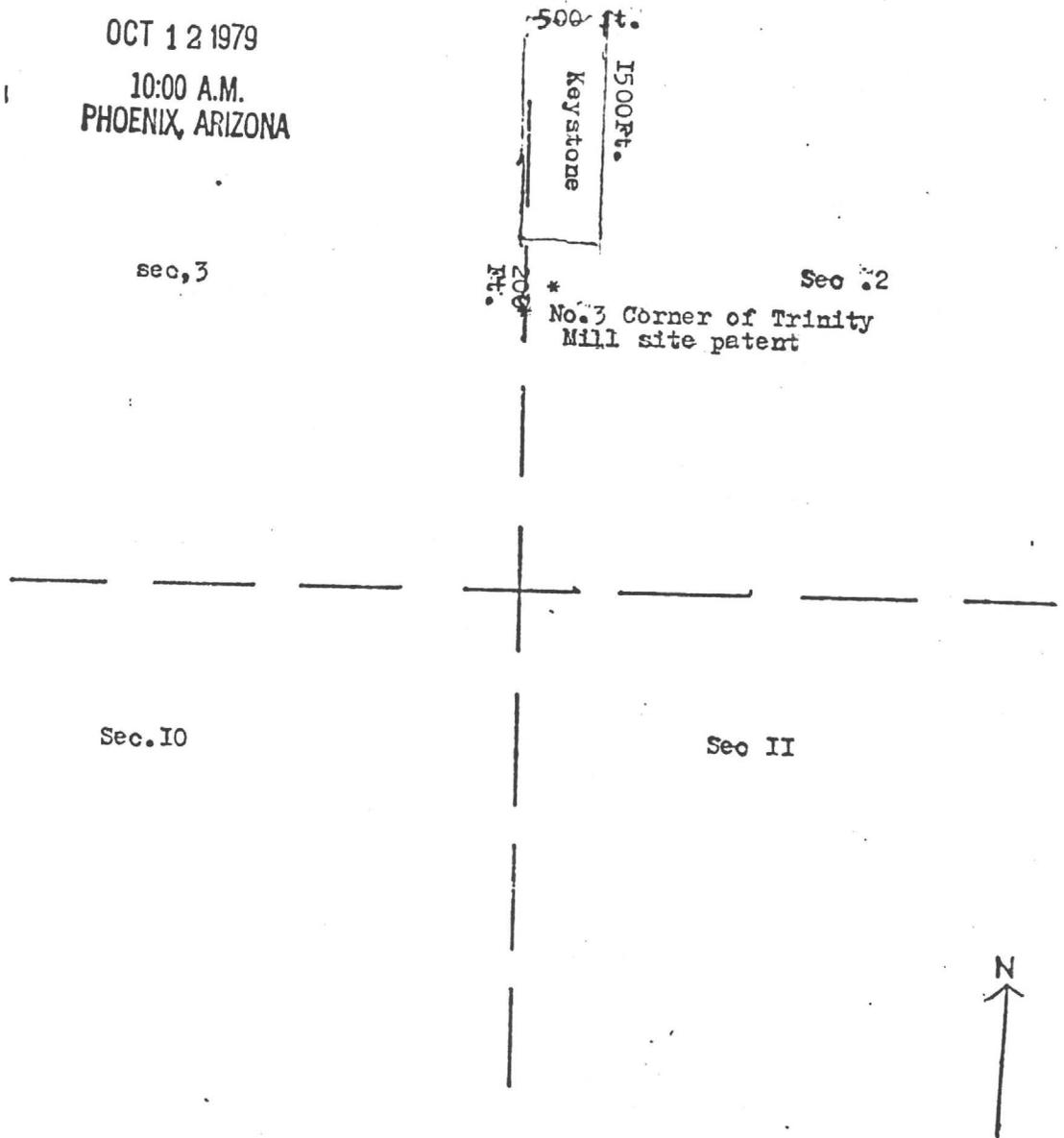
Witness my hand and official seal the day and year aforesaid.

County Recorder  
By \_\_\_\_\_ Deputy Recorder.

Fee \$1.00

Indexed	Photostat Compared	Blotted
---------	--------------------	---------

OCT 12 1979  
10:00 A.M.  
PHOENIX, ARIZONA



1. Name of Claim: Keystone
2. Name of Locator(s): Marilyn
3. Type of Claim: Lode
4. The Claim is located in SECTION Sec. 2 TOWNSHIP 11N. RANGE 1W.  
G. & S.R.M. in Yavapai County, Arizona.
5. Type of corner and location monuments used: "X" posts with rock bases
6. Scale: 1 in 1000 ft. Location Date: 10th. Sept. 79

**IMPORTANT**

BOOK **1247** PAGE **303**

Instructions for Completion:

- (i) If the land is surveyed, a corner of the claim must be tied by a course and distance to a monument of the Public Land Survey; if the land is unsurveyed, a corner must be tied by course and distance to an established survey monument of a United States Government agency or a United States Mineral Monument; if no such monuments are available, one or other permanent monument as shown on Plat.
- (ii) North arrow must be shown on Plat.
- (iii) Bearing and distances between corners must be shown on Plat.

INDEXED

By *[Signature]* Deputy

When recorded mail to:

Witness by *[Signature]* Notary Public  
By *[Signature]* County Recorder  
By *[Signature]* Deputy Recorder

Fee: \$

3

# NOTICE OF MINING CLAIM LOCATION

- 1.  Location                       Amendment                       Relocation
- 2.  Placer                               Lode                                       Millsite

ARIZONA STATE OFFICE  
BU. LAND MANAGEMENT

3. The name and address of the Locator is

Carney Muzzi

OCT 15 1980

Name

7:45 A.M.  
PHOENIX, ARIZONA

2224 N. Camino Castile

Address

#1023 Tucson

Ariz.

857105

City

State

Zip

- 4. The name of the claim is Keystone No. 3
- 5. The date of the location is Sept. 10 1979
- 6. The claim is 1500 feet long and 800 feet wide. The distance from the Location monument to each end of the claim is 500 feet in a northerly direction and 1000 feet in a southerly direction.
- 7. The general course of the claim is from the northerly to the southerly
- 8. The location of the claim is in Section 2, Township 11 N., Range 1 W.  
G&SRB&M, Turkey Creek Mining District, Yavapai County, Arizona.
- 9. If amending or relocating, the previous claim name was Unknown  
recorded in Docket \_\_\_\_\_, Book \_\_\_\_\_  
Mining District, \_\_\_\_\_ County, Arizona.
- 10. The location of the claim with reference to a natural object or permanent monument is in a northerly direction from Keystone Mine with a common north South end line and with the southwest corner being 1700 ft from corner No. 3 of the patented Trinity millsite and about 1000 ft northerly from Hawkey well.

Date 9-10-79

BOOK 1247 PAGE 295

*Carney Muzzi*  
Signature

BOOK 1327 PAGE 791

LAW OFFICES OF

*Hayes & Busby*

REDONDO TOWER • EIGHT WEST PASEO REDONDO • TUCSON, ARIZONA 85705

RAYMOND F. HAYES  
JAMES G. BUSBY  
CATHERINE M. McCracken

TELEPHONE (602) 623-6422

October 14, 1980

ARIZONA STATE OFFICE  
BU. LAND MANAGEMENT

OCT 15 1980

7:45 A.M.  
PHOENIX, ARIZONA

Mr. Robert Buffington  
State Director  
State Office  
Bureau of Land Management  
Department of the Interior  
2400 Valley Bank Center  
Phoenix, Arizona 85073

Re: Notice of Transfer of Interest in Mining Claim

Dear Mr. Buffington:

Pursuant to 43 C.F.R. § 3833.3, this is to notify the Bureau of Land Management that an interest of Carney P. Nuzzi and Marion Nuzzi in the mining claim described below was transferred by deed on September 17, 1980, to:

Merle E. Frampton, an unmarried man  
Route 1, Box 627K  
14000 N. Como Dr.  
Tucson, Arizona 85704

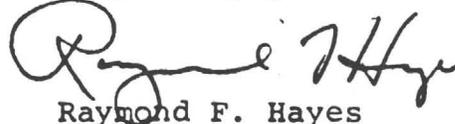
The mining claim subject to this transfer is described as follows:

<u>Claim Name</u>	<u>Recorded in Yavapai County, Arizona</u>		<u>BLM</u>
	<u>Book</u>	<u>Page</u>	<u>Serial Number</u>
Keystone #3	1247	298-299	AMC 74425
Transfer	1327	791-792	

A copy of the recorded deed is enclosed herein for your convenience.

Thank you for reflecting the transfer on your books.

Very truly yours,

  
Raymond F. Hayes

ps

1. The name of the claim is Keystone No. 3
2. The southwest corner of the claim is 1700 feet in a northerly direction to a survey monument or permanent natural object described as No. 3 corner of the patented Trinity Millsite
3. The type of location monument is 2x2 post with rocks with location paper  
The type of corner and end monuments are: 2x2 posts with rocks
4. The bearing and distance between the corners of the claim are beginning at the southwest corner of the claim, 600 feet in a easterly direction to the southeast corner, then 1500 feet in a northerly direction to the northeast corner, then 600 feet in a westerly direction to the northwest corner, then 1500 feet in a southerly direction to the point of beginning.

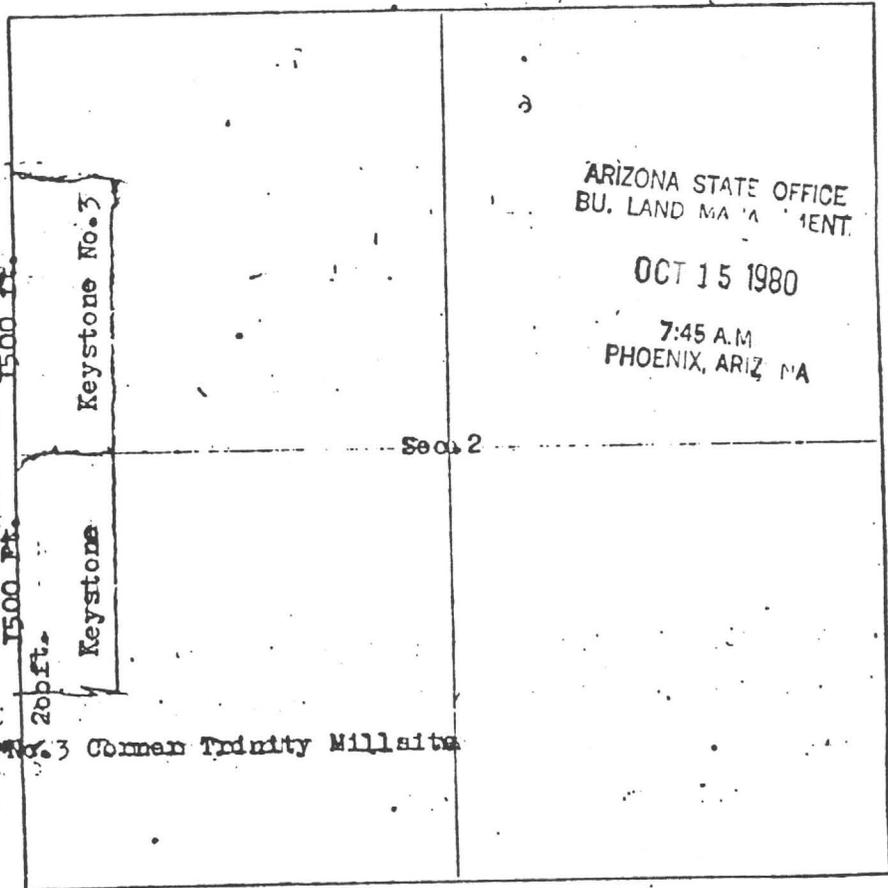
### MAP

One inch = One thousand feet

North Arrow



ONE MILE



Section 2 Range 11n. Township 1w. G&SR&M

Date Sept 10 79

BOOK 1247 PAGE 299

Carney Arzoo  
Signature



I do hereby certify that the within instrument was filed and recorded at the request of Kayla Petersen  
RECEIVED 879-280 PM 1247 Official Records Page 300-301  
B.L.M. AZ STATE OFFICE County, Arizona. WITNESS my hand and official seal the day and year first above written.

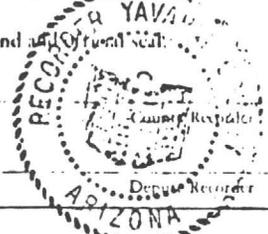
OCT 12 1979

INDEXED

PATSY DENNEY County Recorder  
By [Signature] Deputy

10:00 A.M. Filed and  
PHOENIX, ARIZONA Petersen  
PO Box 121  
Humboldt Arizona 86329

Witness my hand and official seal



Fee: \$ 3

### NOTICE OF MINING CLAIM LOCATION

- 1.  Location                       Amendment                       Relocation
- 2.  Placer                               Lode                                       Millsite                               Tunnelsite
- 3. The name and address of the Locator **Robert Rippey and W.L. Petersen**

Name  
Box 121 Humboldt Ariz.                      86329  
Address  
Humboldt  
City                      Arizona                      86329  
State                      Zip

- 4. The name of the claim is Keystone No. 4
- 5. The date of the location is Sept. 10 1979
- 6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monument to each end of the claim is 750 feet in a northerly direction and 750 feet in a southerly direction.
- 7. The general course of the claim is from the northerly to the southerly
- 8. The location of the claim is in Section sec. 2, Township IIN, Range I W., G&SRB&M, Turkey creek Mining District, Yavapai County, Arizona.
- 9. If amending or relocating, the previous claim name was unknown  
recorded in Docket \_\_\_\_\_, Book \_\_\_\_\_  
Mining District, \_\_\_\_\_ County, Arizona.
- 10. The location of the claim with reference to a natural object or permanent monument is a northerly from Keystone No. 3 and located on Pine Creek and has a common north south end line with Keystone No. 3 with the southwest corner being about 3700 ft. northerly from the corner no. 3 of the Trinity patented millsite and about 3000 ft northerly from Hawkey well.

Date 9-20-79

BOOK 1247 PAGE 300

Robert Rippey  
Signature

10:00 A.M.  
PHOENIX, ARIZONA

# MAP OF MINING CLAIM LOCATION

1. The name of the claim is Keystone No. 4
2. The southwest corner of the claim is 3700 feet in a northerly direction to a survey monument or permanent natural object described as No 3 corner of the patented Trinity Millsite
3. The type of location monument is a 2x2 post with rocks with location paper  
The type of corner and end monuments are 2x2 posts with rocks
4. The bearing and distance between the corners of the claim are beginning at the southwest corner of the claim, 600 feet in a southeast direction to the southeast corner, then 1500 feet in a northerly direction to the northeast corner, then 600 feet in a westerly direction to the northwest corner, then 1500 feet in a southerly direction to the point of beginning.

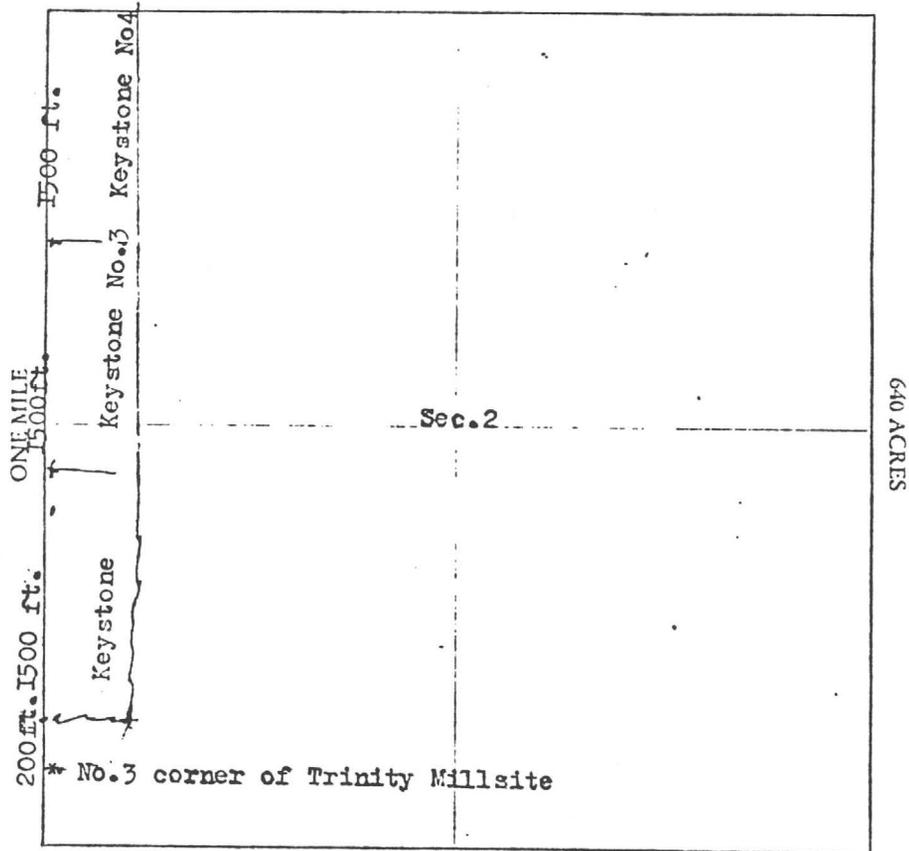
## MAP

One inch = One thousand feet

North Arrow



ONE MILE



Section 2 Range II N. Township I W. G&SRB&M

Date Sept. 10 1979

BOOK 1247 PAGE 301

*Robert Rippey*  
Signature

September 18, 1980

W. L. Peterson  
Box 121 Humboldt  
Humboldt, Arizona 86329

Dear Mr. Peterson:

This letter is to identify the serial numbers we have assigned to your mining claim location notices filed in this office on April 22, 1980.

Serial Number

Name of Claim

A MC 101811

The Golden Goose

A MC 101812

North Star

A MC 101813

Silver Ball

Please refer to the claim names and the serial numbers in any future correspondence.

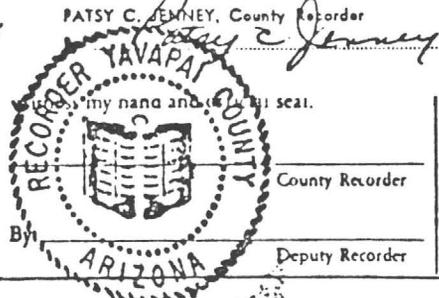
A photocopy of your Affidavit of Labor Performed or Notice of Intent to Hold for the 1980-1981 assessment year should be filed in this office on or before December 30, 1981. To be acceptable, the affidavit must show the work done during the period from September 1, 1980 to noon September 1, 1981. The serial number assigned to each claim must be included. No fee is required.

Sincerely,

/s/ Theresa A. Carnack

Theresa A. Carnack  
Acting Chief, Branch of Records  
and Data Management

Enclosure:  
Regulations 43 CFR 1613



When recorded mail to:  
W.L. Petersen  
Box 121  
Humboldt, AZ 86329

Fee: \$  
3-

### NOTICE OF MINING CLAIM LOCATION

- 1.  Location                       Amendment                       Relocation
- 2.  Placer                               Lode                               Millsite                               Tunnelsite
- 3. The name and address of the Locator is

Robert Rippey, Alvin Reeves and W.L. Petersen  
Name

Box 121 Humboldt Arizona.  
Address

Humboldt                              Arizona                              86329  
City    State    Zip

- 4. The name of the claim is Silver Bell
- 5. The date of the location is Jan. 27, 1980
- 6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monumer to each end of the claim is 150 feet in a southerly direction and 1380 feet in a northerly direction.
- 7. The general course of the claim is from the north to the south
- 8. The location of the claim is in Section 2, Township IIN, Range I W G&SRB&M, Turkey Creek Mining District, Yavapai County, Arizona.
- 9. If amending or relocating, the previous claim name was \_\_\_\_\_ recorded in Docket \_\_\_\_\_, Book \_\_\_\_\_ Mining District, \_\_\_\_\_ County, Arizona.
- 10. The location of the claim with reference to a natural object or permanent monument is about 1/2 mile east from Hawkey Well

RECEIVED  
B.L.M. BY STAT. OFFICE  
APR 22 1 43 AM '80  
PHOENIX, ARIZONA

Date Jan. 27 1980 W.L. Petersen

A.M.C. 01013

# MAP OF MINING CLAIM LOCATION

- The name of the claim is Silver Bell
- The Southeast corner of the claim is \_\_\_\_\_ feet in a \_\_\_\_\_ direction to a survey monument or permanent natural object described as in common with the north west corner of the Kendall patented mine.
- The type of location monument is ~~2x2 post with rock base over 4 feet in height~~  
2x2 posts with rock bases  
The type of corner and end monuments are \_\_\_\_\_
- The bearing and distance between the corners of the claim are beginning at the south east corner of the claim, 600 feet in a westerly direction to the south west corner, then 1500 feet in a northerly direction to the north west corner, then 600 feet in a easterly direction to the northeast corner, then 1500 feet in a southerly direction to the point of beginning.

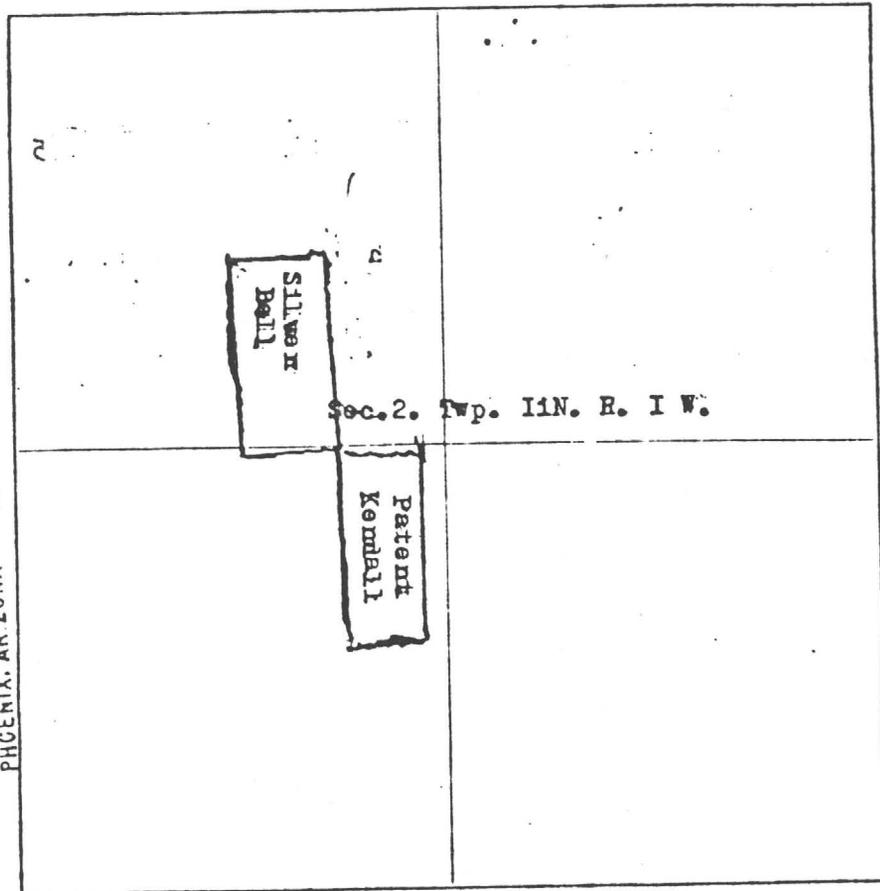
## MAP

One inch = One thousand feet

North Arrow



ONE MILE



RECEIVED  
B.L.M. STATE OFFICE  
APR 22 / 43 PM '80  
PHOENIX, ARIZONA

Section 2 Range I W. Township 11N. G&SRB&M

Date Jan. 27 1980

1000 810

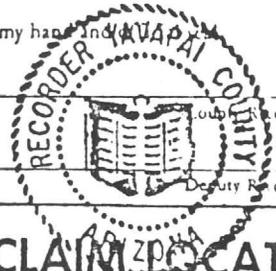
W.L. Peterson

A-111-101013

By Patsy Jemney

When recorded mail to:

Witness my hand and seal



By \_\_\_\_\_  
Deputy Recorder

Fee: 3.15

# NOTICE OF MINING CLAIM LOCATION

- 1.  Location       Amendment       Relocation
- 2.  Placer       Lode       Millsite       Tunnelsite

3. The name and address of the Locator is

Robert Rippey Alvin Reeves and W.L. Petersen

Name

Box 121

Address

Humboldt

Arizona

86329

City

State

Zip

- 4. The name of the claim is North Star
- 5. The date of the location is Jan 27 1980
- 6. The claim is 1500 feet long and 600 feet wide. The distance from the Location monument to each end of the claim is 150 feet in a southerly direction and 1350 a Northerly direction.
- 7. The general course of the claim is from the South to the to the north
- 8. The location of the claim is in Section 2, Township IIN., Range I. W. G&SRB&M, Turkey Creek Mining District, Yavapai County, Arizona.
- 9. If amending or relocating, the previous claim name was \_\_\_\_\_ recorded in Docket \_\_\_\_\_, Book \_\_\_\_\_ Mining District, \_\_\_\_\_ County, Arizona.
- 10. The location of the claim with reference to a natural object or permanent monument is \_\_\_\_\_

RECEIVED  
B.L.V. OFFICE

APR 22 / 4, 1989

PHOENIX, ARIZONA

Date Jan. 27 1989

BOOK 1289 PAGE 819

Robert O Rippey  
Signature

101812

C 107812

1. The name of the claim is North Star
2. The south west corner of the claim is \_\_\_\_\_ feet in a \_\_\_\_\_ direction to a survey monument or permanent natural object described as in common with the north west corner of the patented Franklin mine.
3. The type of location monument is 2x2 post with rock a base over 4 feet high  
The type of corner and end monuments are 2x2 posts with rock bases over 4 ft
4. The bearing and distance between the corners of the claim are beginning at the South west corner of the claim, 1500 feet in a north west direction to the north west corner, then 600 feet in a easterly direction to the north east corner, then 1500 feet in a southerly direction to the southeast corner, then 600 feet in a westerly direction to the point of beginning.

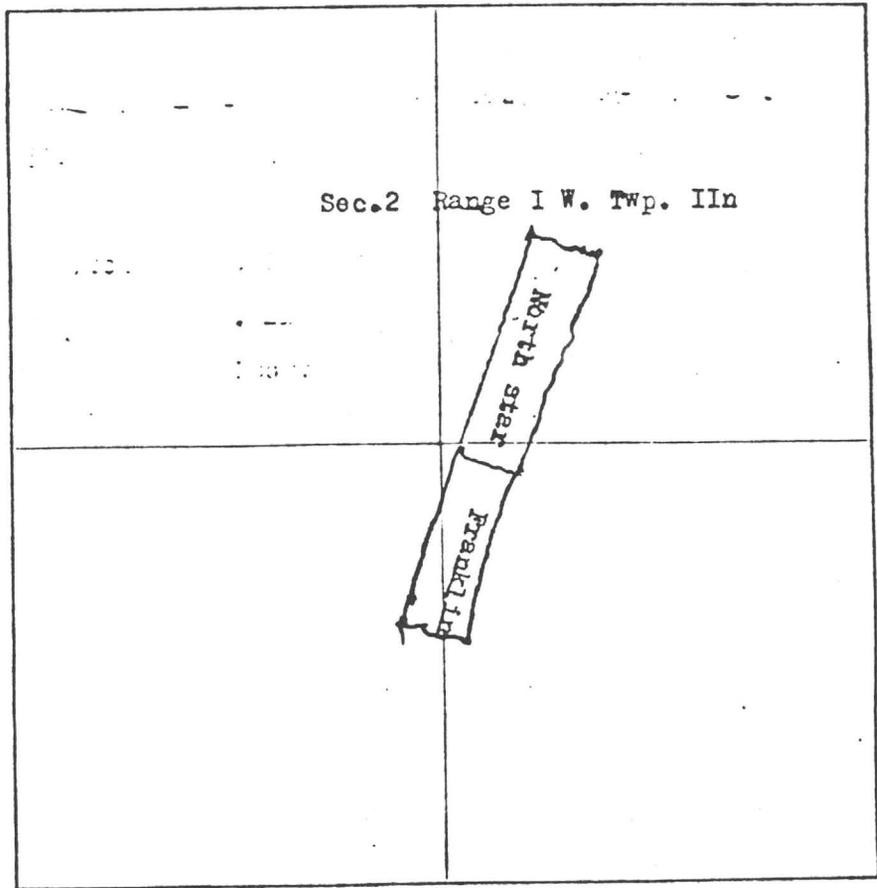
### MAP

One inch = One thousand feet

North Arrow



ONE MILE



RECEIVED OFFICE  
 APR 22 14 30 AM '80  
 PHOENIX, ARIZONA

Section 2 Range I W. Township II N. G&SRB&M

Date Jan. 27 1980

*Robert C. Rippey*  
 Signature



EXHIBIT "B"

MINES WITH RECORDED PRODUCTION IN THE VICINITY OF THE  
BANNIE, TRANSCENDENT AND THE DAVIS-DUNKIRK MINES

MINERAL ECONOMICS CORPORATION

January 27, 1981

<u>Reference No.</u>	<u>Mine</u>	<u>\$ Base Metals</u>	<u>*\$ Gold</u>	<u>*\$ Silver</u>	<u>\$ Total</u>
1	TRANSCENDENT				
2	DAVIS-DUNKIRK		150,000	50,000	200,000
3	BANNIE				
4	Cash		200,000		200,000
5	Crook**	50,000	375,000	25,000	450,000
6	Cumberland (included in Turkey Creek District Production)				
7	Dos Oris		20,000	200,000	220,000
8	Midnight Test		75,000	50,000	125,000
9	Mt. Union		125,000	25,000	150,000
10	Mudhole		450,000	50,000	500,000
11	Poland-Walker	50,000	300,000	400,000	750,000
12	King Kelly			15,000	15,000
13	Senator		500,000	30,000	530,000
14	Sheldon	535,000	270,000	270,000	1,075,000
15	Storm Cloud		75,000	25,000	100,000
16	Turkey Creek District				
		<u>10,979</u>	<u>16,626</u>	<u>67,500</u>	<u>95,105</u>
		<u>\$676,979</u>	<u>\$2,556,626</u>	<u>\$1,207,500</u>	<u>\$4,435,105</u>

\*These production figures were taken from Arizona Bureau of Mines Bulletin No. 140 "ARIZONA METAL PRODUCTION" published February 15, 1936, chronicling the metal production in Arizona from 1900 to 1934. The Copper produced prior to 1900 had an average value of 13.3¢ per pound, and that produced during 1900-1934, 16.2¢ per pound. The price for the period 1900-1934 was 6.2¢ per pound for Lead. Prior to 1933 the value of GOLD has been taken as \$20.671835 oz. In 1933 an average of 25.56 oz. has been used and in 1934, \$35 oz. The average price of SILVER for between 1858 & 1934 was 74.7¢ oz. The Silver yield prior to 1900 had an average value of 98.3% oz. and between 1900 & 1934 had averaged 66.4¢

The above figures using today's prices would total over Sixty Nine Million dollars (\$69,000,000.00)

\*\*Includes Starlight & Venezia

NOTE: The Turkey Creek District, which is the District that contains the Trinity, Franklin, Union and Kendall patented mining claims, produced approximately eighty (80) ounces of silver to one (1) ounce of Gold.